

Converting Colors

$Y_{xy}(90.6820, 0.3206, 0.3280)$

Have a look what the booklet for
Yxy(90.6820, 0.3206, 0.3280)
contains.

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Color

Yxy(90.3922, 0.3207, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1F2
RGB	254, 241, 242
RGB Percent	100%, 95%, 95%
CMY	0.0039, 0.0549, 0.0512
CMYK	0.00, 0.05, 0.05, 0.00
HSL	356°, 87%, 97%
HSV	356°, 5%, 100%
XYZ	88.3535, 90.3922, 96.7563
YIQ	245.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

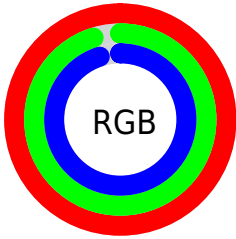
Format	Color
R_{YB}	254, 241, 242
Decimal	16708082
CIE Lab	96.16, 4.53, 1.10
CIE LCh	96, 4.662, 13.609
Yxy	90.3922, 0.3207, 0.3281
Android (android.graphics.Color)	4294898162 (0xFFFEF1F2)
YUV	245.0010, -1.4795, 7.8921
Hunter-Lab	95.0748, -0.5000, 6.2138

Details

The Yxy color 90.3922, 0.3207, 0.3281 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.6922, 0.3052, 0.3299, and the grayscale version is 91.3211, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.1134, 0.3221, 0.3278 is the 20% darker color. If you saturate the color by 10%, you get 75.0661, 0.3392, 0.3263, and if you desaturate by 10%, it is 99.8139, 0.3121, 0.3290.

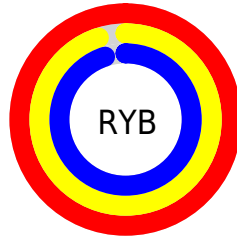
Distribution



Red (100%)

Green (95%)

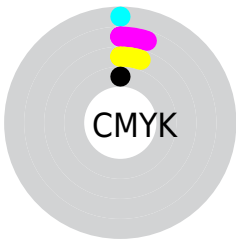
Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)

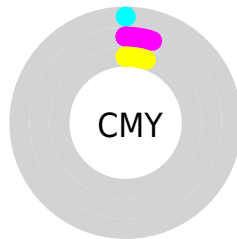


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.3922, 0.3207, 0.3281 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 90.3922, 0.3207, 0.3281 by changing the saturation by 10% instead.

 90.3922, 0.3207,
0.3281

 90.3922, 0.3207,
0.3281


529.3058, 0.3171,
0.3285

 68.3060, 0.3215,
0.3280


147.8831, 0.3195,
0.3282

 50.1467, 0.3224,
0.3279


184.0565, 0.3190,
0.3283

 35.5300, 0.3236,
0.3277


225.6944, 0.3186,
0.3283

 24.0714, 0.3251,
0.3276

273.1813, 0.3182,
0.3284

 15.3866, 0.3271,
0.3273

326.9015, 0.3179,
0.3284

 9.0912, 0.3299,
0.3269

387.2394, 0.3176,

 4.8007, 0.3340,

0.3285

0.3264

454.5794, 0.3174,
0.3285

■ 2.1308, 0.3407,
0.3255

■ 0.6819, 0.3602,
0.3237

■ 90.3922, 0.3207,
0.3281

■ 90.3922, 0.3207,
0.3281

■ 75.0661, 0.3392,
0.3263

99.8139, 0.3121,
0.3290

■ 61.9219, 0.3623,
0.3243

■ 50.8639, 0.3909,
0.3224

■ 41.7849, 0.4258,
0.3206

■ 34.5679, 0.4669,
0.3193

■ 29.0840, 0.5126,
0.3189

■ 25.1874, 0.5587,
0.3197

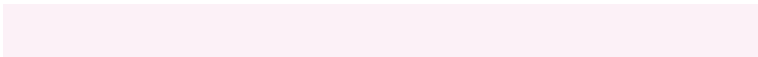
■ 22.7088, 0.5987,
0.3220

■ 21.4400, 0.6261,
0.3254

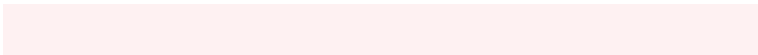
Harmonies

Analogous

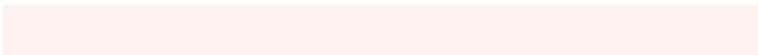
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.3922, 0.3164, 0.3238



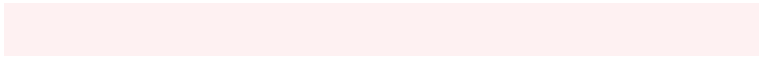
90.3922, 0.3207, 0.3281



90.3922, 0.3229, 0.3327

Triad

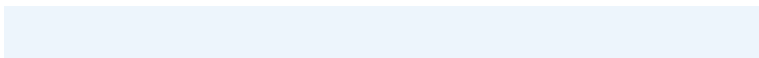
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.3922, 0.3207, 0.3281



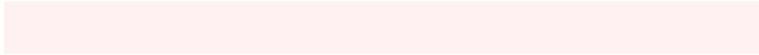
90.3922, 0.3143, 0.3373



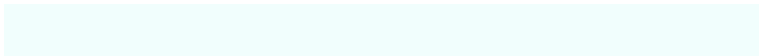
90.3922, 0.3032, 0.3217

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



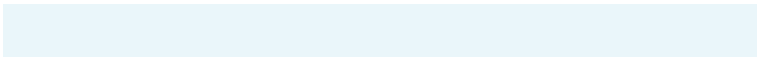
90.3922, 0.3207, 0.3281



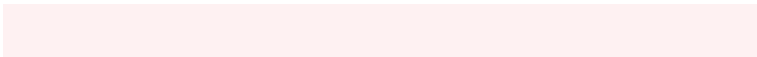
96.6922, 0.3052, 0.3299

Split Complementary

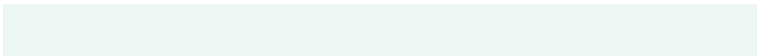
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.3922, 0.3027, 0.3252



90.3922, 0.3207, 0.3281



90.3922, 0.3090, 0.3343

Square

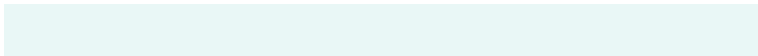
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.3922, 0.3207, 0.3281



90.3922, 0.3191, 0.3381



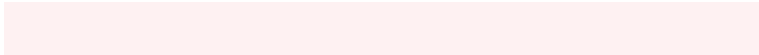
90.3922, 0.3048, 0.3299



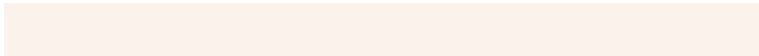
90.3922, 0.3063, 0.3201

Rectangle

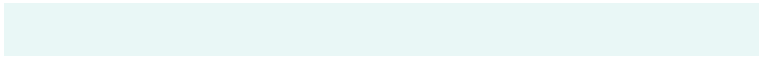
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



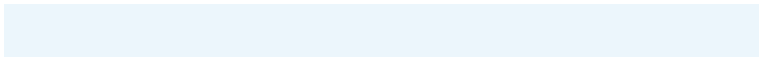
90.3922, 0.3207, 0.3281



90.3922, 0.3228, 0.3353



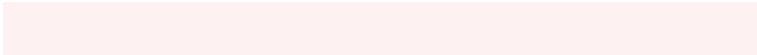
90.3922, 0.3048, 0.3299



90.3922, 0.3028, 0.3227

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



90.3961, 0.3207, 0.3281



96.4882, 0.3157, 0.3287



90.9410, 0.3126, 0.3165



20.6892, 0.3156, 0.3287



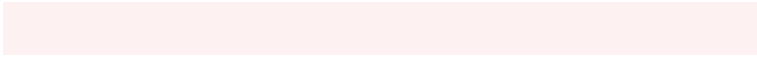
0.0000, 0.0000, 0.0000



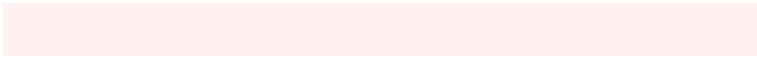
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.3961, 0.3207, 0.3281



89.7434, 0.3222, 0.3279



93.5968, 0.3209, 0.3343



18.9805, 0.3233, 0.3278



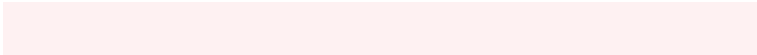
11.1403, 0.6326, 0.3258



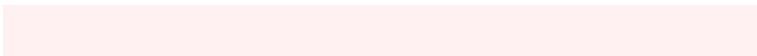
1.0918, 0.6160, 0.3167

Inverse Universe

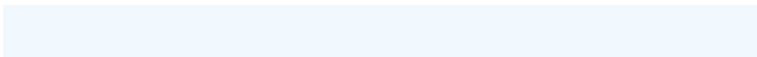
The Inverse Universe completely reimagines the original color for something new.



90.3961, 0.3207, 0.3281



89.7434, 0.3222, 0.3279



93.3602, 0.3048, 0.3237



18.9805, 0.3233, 0.3278



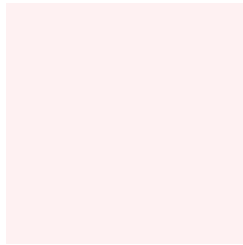
11.1403, 0.6326, 0.3258



1.0918, 0.6160, 0.3167

Previews

White Background



This preview shows how the Yxy color 90.3922, 0.3207, 0.3281 looks on a white background.

Color Contrast Check

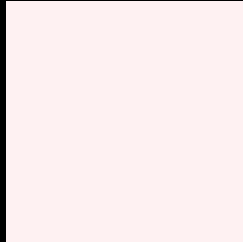
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 90.3922, 0.3207, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

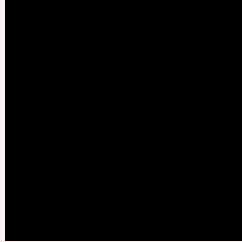
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

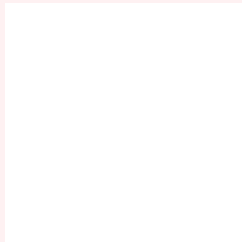
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.3922, 0.3207, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 90.3922, 0.3207, 0.3281.

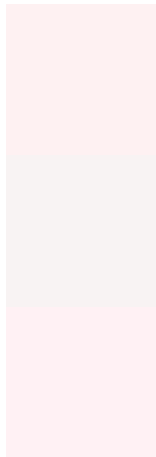


This preview shows how white text looks on a background with the Yxy color 90.3922, 0.3207, 0.3281.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

90.3922, 0.3207, 0.3281

Protanopia

90.5287, 0.3160, 0.3290

Deuteranopia

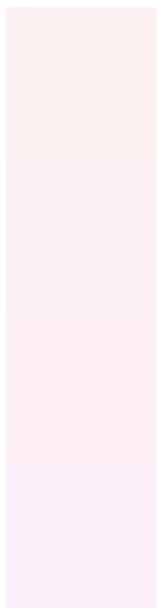
90.7022, 0.3201, 0.3261



Tritanopia

90.6110, 0.3127, 0.3146

Trichromacy



Original Color

90.3922, 0.3207, 0.3281

Protanomaly

90.2993, 0.3173, 0.3280

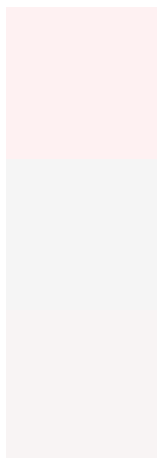
Deuteranomaly

90.6417, 0.3207, 0.3271

Tritanomaly

90.2931, 0.3158, 0.3193

Monochromacy



Original Color

90.3922, 0.3207, 0.3281

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.1895, 0.3153, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.3922, 0.3207, 0.3281 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(254, 241, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(254, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 242) }
```

Border

The CSS property to change the border of an element to Yxy 90.3922, 0.3207, 0.3281 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 241, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(254, 241, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(254, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 90.3922, 0.3207, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(254,  
241, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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