

Converting Colors

$Y_{xy}(90.5302, 0.3163, 0.3268)$

Have a look what the booklet for
Yxy(90.5302, 0.3163, 0.3268)
contains.

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Color

Yxy(90.4208, 0.3161, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FAF2F5
RGB	250, 242, 245
RGB Percent	98%, 95%, 96%
CMY	0.0197, 0.0509, 0.0393
CMYK	0.00, 0.03, 0.02, 0.02
HSL	338°, 44%, 96%
HSV	338°, 3%, 98%
XYZ	87.6480, 90.4208, 99.2106
YIQ	244.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

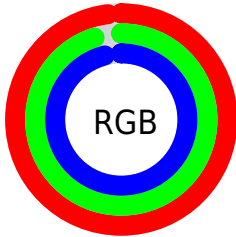
Format	Color
R _Y B	250, 242, 245
Decimal	16446197
CIE Lab	96.17, 3.18, -0.49
CIE LCh	96, 3.216, 351.149
Yxy	90.4208, 0.3161, 0.3261
Android (android.graphics.Color)	4294636277 (0xFFFAF2F5)
YUV	244.7340, 0.1311, 4.6183
Hunter-Lab	95.0899, -1.8769, 4.7036

Details

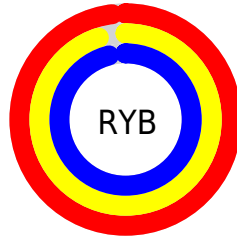
The Yxy color 90.4208, 0.3161, 0.3261 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.9477, 0.3094, 0.3319, and the grayscale version is 91.0814, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.2613, 0.3171, 0.3253 is the 20% darker color. If you saturate the color by 10%, you get 75.6305, 0.3283, 0.3166, and if you desaturate by 10%, it is 99.0584, 0.3096, 0.3290.

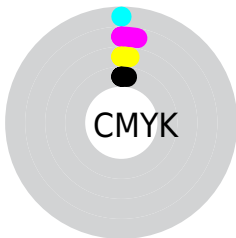
Distribution



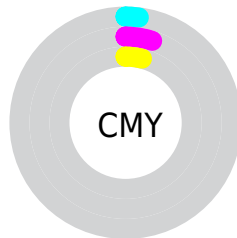
- Red (98%)
- Green (95%)
- Blue (96%)



- Red (98%)
- Yellow (95%)
- Blue (96%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (2%)





- Cyan (2%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.4208, 0.3161, 0.3261 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 90.4208, 0.3161, 0.3261 by changing the saturation by 10% instead.


 90.4208, 0.3161,
0.3261

 90.4208, 0.3161,
0.3261


529.3987, 0.3146,
0.3274

 68.3297, 0.3164,
0.3258


147.9228, 0.3156,
0.3265

 50.1660, 0.3168,
0.3255


184.1024, 0.3154,
0.3267

 35.5453, 0.3173,
0.3250


225.7471, 0.3152,
0.3269

 24.0832, 0.3180,
0.3245

273.2411, 0.3151,
0.3270

 15.3954, 0.3188,
0.3238

326.9689, 0.3149,
0.3271

 9.0973, 0.3200,
0.3228

387.3148, 0.3148,

 4.8047, 0.3217,

0.3272

0.3213

454.6633, 0.3147,
0.3273

■ 2.1332, 0.3244,
0.3189

■ 0.6832, 0.3321,
0.3122

■ 90.4208, 0.3161,
0.3261

■ 90.4208, 0.3161,
0.3261

■ 75.6305, 0.3283,
0.3166

■ 99.0584, 0.3096,
0.3290

■ 62.8669, 0.3431,
0.3066

■ 52.0443, 0.3612,
0.2963

■ 43.0665, 0.3828,
0.2864

■ 35.8287, 0.4084,
0.2775

■ 30.2159, 0.4375,
0.2707

■ 26.0988, 0.4694,
0.2673

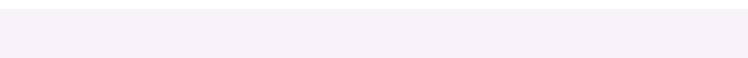
■ 23.3281, 0.5022,
0.2686

■ 21.7228, 0.5335,
0.2752

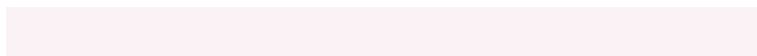
Harmonies

Analogous

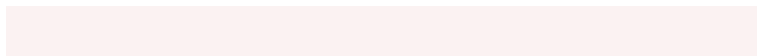
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4208, 0.3125, 0.3238



90.4208, 0.3161, 0.3261



90.4208, 0.3188, 0.3292

Triad

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



90.4208, 0.3161, 0.3261



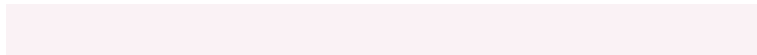
90.4208, 0.3164, 0.3353



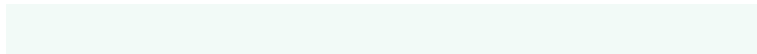
90.4208, 0.3057, 0.3257

Complementary

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



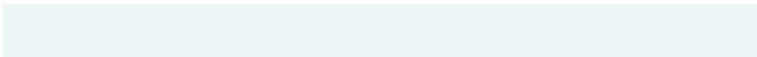
90.4208, 0.3161, 0.3261



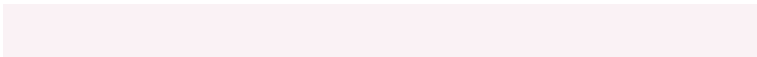
93.9477, 0.3094, 0.3319

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.



90.4208, 0.3067, 0.3288



90.4208, 0.3161, 0.3261



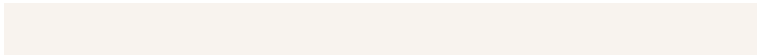
90.4208, 0.3129, 0.3343

Square

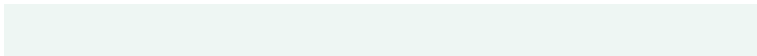
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.4208, 0.3161, 0.3261



90.4208, 0.3189, 0.3345



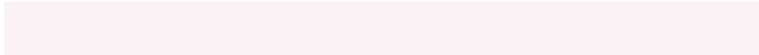
90.4208, 0.3093, 0.3320



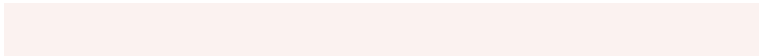
90.4208, 0.3066, 0.3235

Rectangle

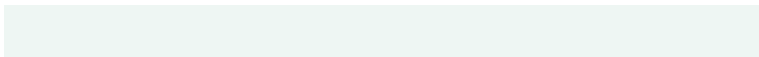
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



90.4208, 0.3161, 0.3261



90.4208, 0.3197, 0.3313



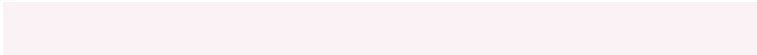
90.4208, 0.3093, 0.3320



90.4208, 0.3058, 0.3267

Sweetspot

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



90.4247, 0.3161, 0.3261



98.2814, 0.3138, 0.3281



90.1744, 0.3111, 0.3212



21.0544, 0.3137, 0.3281



0.0000, 0.0000, 0.0000



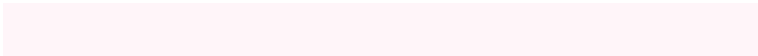
21.4041, 0.3127, 0.3290

Same Dimension

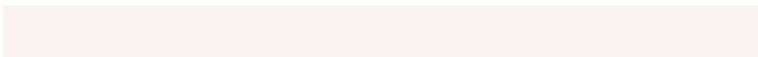
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4247, 0.3161, 0.3261



93.2593, 0.3170, 0.3253



90.7983, 0.3179, 0.3299



18.8606, 0.3178, 0.3247



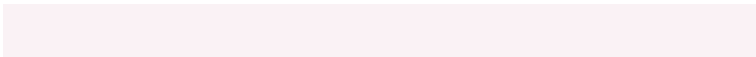
11.2297, 0.5487, 0.2796



1.0598, 0.5163, 0.2618

Inverse Universe

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



90.4247, 0.3161, 0.3261



93.2593, 0.3170, 0.3253



93.5576, 0.3078, 0.3281



18.8606, 0.3178, 0.3247



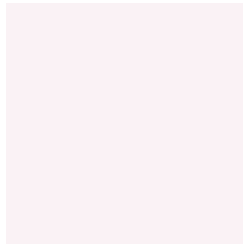
11.2297, 0.5487, 0.2796



1.0598, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 90.4208, 0.3161, 0.3261 looks on a white background.

Color Contrast Check

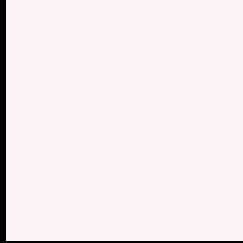
Large Text (above 18pt) WCAG AA × Fail

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 90.4208, 0.3161, 0.3261 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

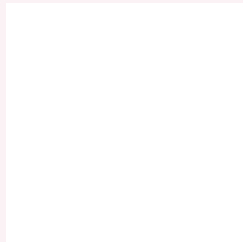
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.4208, 0.3161, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 90.4208, 0.3161, 0.3261.

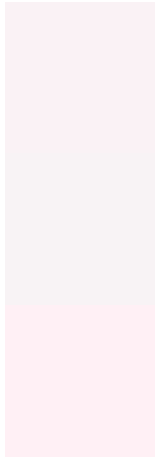


This preview shows how white text looks on a background with the Yxy color 90.4208, 0.3161, 0.3261.

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

90.4208, 0.3161, 0.3261

Protanopia

90.6502, 0.3148, 0.3270

Deuteranopia

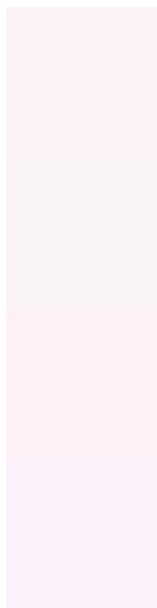
90.1727, 0.3195, 0.3242



Tritanopia

90.4546, 0.3101, 0.3154

Trichromacy



Original Color

90.4208, 0.3161, 0.3261

Protanomaly

90.8335, 0.3154, 0.3271

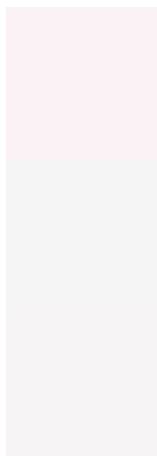
Deuteranomaly

90.3858, 0.3181, 0.3251

Tritanomaly

90.1996, 0.3125, 0.3193

Monochromacy



Original Color

90.4208, 0.3161, 0.3261

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.0681, 0.3141, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4208, 0.3161, 0.3261 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(250, 242, 245) looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 245)  
}
```

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(250, 242, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 245) }
```

Border

The CSS property to change the border of an element to Yxy 90.4208, 0.3161, 0.3261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

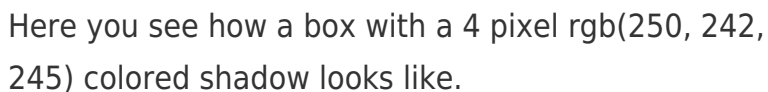
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(250, 242, 245) }
```

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

```
.border{ border-color:rgb(250, 242, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(250, 242, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 242, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 242, 245); box-shadow:4px 4px 4px 4px rgb(250, 242, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4208, 0.3161, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 245) }
```

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

```
.background{ background-color: rgb(250,  
242, 245) }
```

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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