

Converting Colors

$Y_{xy}(100.0000, 0.3501, 0.3276)$

Have a look what the booklet for
Yxy(100.0000, 0.3501, 0.3276)
contains.

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Color

Yxy(90.6417, 0.3207, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FFF1F3
RGB	255, 241, 243
RGB Percent	100%, 95%, 95%
CMY	0.0000, 0.0549, 0.0471
CMYK	0.00, 0.05, 0.05, 0.00
HSL	352°, 100%, 97%
HSV	352°, 5%, 100%
XYZ	88.8682, 90.6417, 97.5971
YIQ	245.4140, 7.7020, 3.5900

Conversions

Conversions Part 2

Format	Color
RYB	255, 241, 243
Decimal	16773619
CIELab	96.26, 5.03, 0.72
CIElCh	96, 5.084, 8.135
Yxy	90.6417, 0.3207, 0.3271
Android (android.graphics.Color)	4294963699 (0xFFFFF1F3)
YUV	245.4140, -1.1901, 8.4069
Hunter-Lab	95.2059, 0.0071, 5.8651

Details

The Yxy color 90.6417, 0.3207, 0.3271 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3081, 0.3053, 0.3309, and the grayscale version is 91.6675, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.2915, 0.3221, 0.3266 is the 20% darker color. If you saturate the color by 10%, you get 75.3461, 0.3380, 0.3234, and if you desaturate by 10%, it is 99.9979, 0.3127, 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 90.6417, 0.3207, 0.3271 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 90.6417, 0.3207, 0.3271 by changing the saturation by 10% instead.


 90.6417, 0.3207,
0.3271

 90.6417, 0.3207,
0.3271

530.1161, 0.3171,
0.3280

 68.5130, 0.3215,
0.3269


148.2294, 0.3195,
0.3274

 50.3152, 0.3224,
0.3267


184.4572, 0.3190,
0.3275

 35.6639, 0.3236,
0.3264


226.1535, 0.3186,
0.3276

 24.1747, 0.3251,
0.3260

273.7027, 0.3182,
0.3277

 15.4633, 0.3271,
0.3255

327.4891, 0.3179,
0.3278

 9.1452, 0.3299,
0.3248

387.8972, 0.3176,

 4.8360, 0.3340,

0.3278

0.3238

455.3114, 0.3174,
0.3279

■ 2.1514, 0.3406,
0.3221

■ 0.6933, 0.3587,
0.3181

■ 90.6417, 0.3207,
0.3271

■ 90.6417, 0.3207,
0.3271

■ 75.3461, 0.3380,
0.3234

99.9979, 0.3127,
0.3290

■ 62.2242, 0.3595,
0.3196

■ 51.1808, 0.3860,
0.3157

■ 42.1090, 0.4183,
0.3122

■ 34.8925, 0.4564,
0.3094

■ 29.4027, 0.4991,
0.3081

■ 25.4942, 0.5433,
0.3090

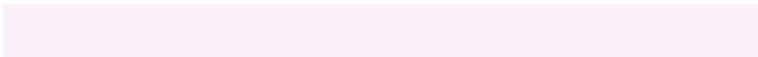
■ 22.9983, 0.5837,
0.3126

■ 21.7066, 0.6143,
0.3186

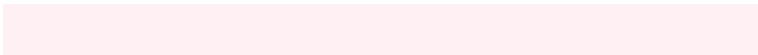
Harmonies

Analogous

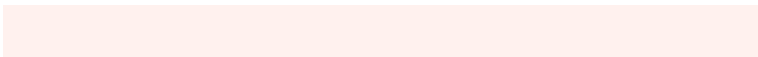
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6417, 0.3157, 0.3226



90.6417, 0.3207, 0.3271



90.6417, 0.3236, 0.3321

Triad

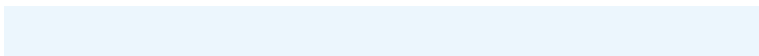
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.6417, 0.3207, 0.3271



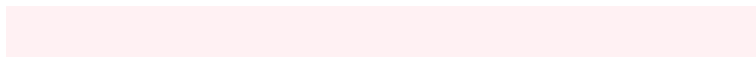
90.6417, 0.3154, 0.3384



90.6417, 0.3021, 0.3216

Complementary

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



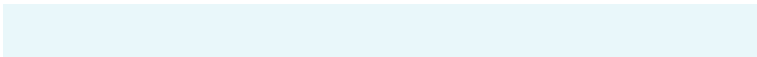
90.6417, 0.3207, 0.3271



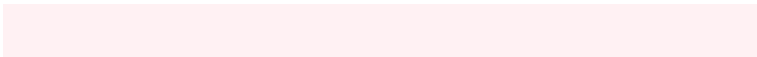
97.3081, 0.3053, 0.3309

Split Complementary

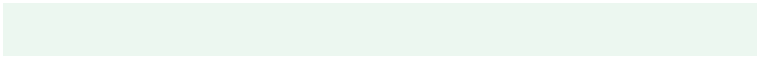
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6417, 0.3020, 0.3258



90.6417, 0.3207, 0.3271



90.6417, 0.3097, 0.3356

Square

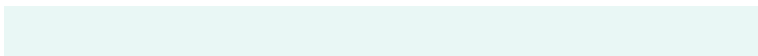
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.6417, 0.3207, 0.3271



90.6417, 0.3205, 0.3387



90.6417, 0.3048, 0.3309



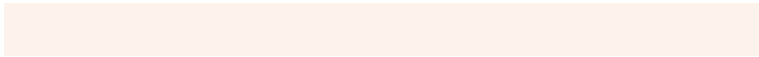
90.6417, 0.3050, 0.3194

Rectangle

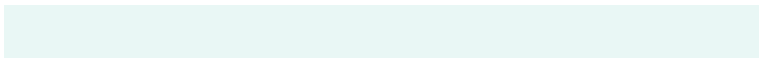
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



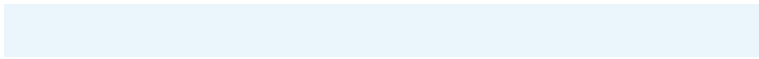
90.6417, 0.3207, 0.3271



90.6417, 0.3239, 0.3351



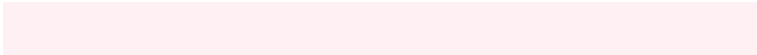
90.6417, 0.3048, 0.3309



90.6417, 0.3017, 0.3228

Sweetspot

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



90.6456, 0.3207, 0.3271



96.5103, 0.3155, 0.3283



90.9990, 0.3120, 0.3155



20.6937, 0.3154, 0.3284



0.0000, 0.0000, 0.0000



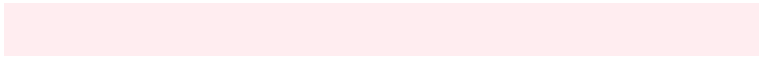
21.4041, 0.3127, 0.3290

Same Dimension

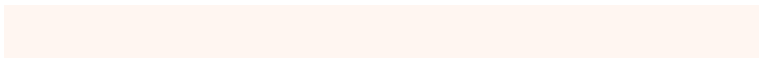
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.6456, 0.3207, 0.3271



88.1874, 0.3231, 0.3266



93.4622, 0.3215, 0.3338



18.6689, 0.3241, 0.3263



11.1883, 0.6215, 0.3197



1.1014, 0.5953, 0.3053

Inverse Universe

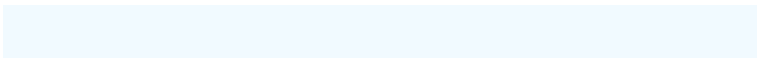
The Inverse Universe completely reimagines the original color for something new.



90.6456, 0.3207, 0.3271



88.1874, 0.3231, 0.3266



94.3533, 0.3042, 0.3242



18.6689, 0.3241, 0.3263



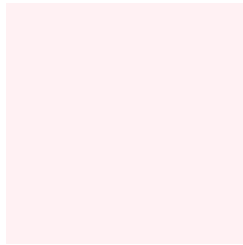
11.1883, 0.6215, 0.3197



1.1014, 0.5953, 0.3053

Previews

White Background



This preview shows how the Yxy color 90.6417, 0.3207, 0.3271 looks on a white background.

Color Contrast Check

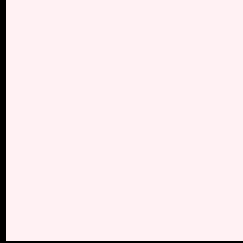
Large Text (above 18pt) WCAG AA × Fail

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 90.6417, 0.3207, 0.3271 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

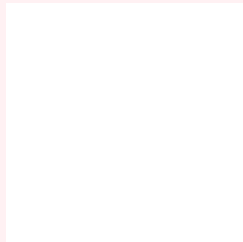
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.6417, 0.3207, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 90.6417, 0.3207, 0.3271.

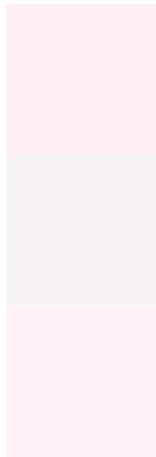


This preview shows how white text looks on a background with the Yxy color 90.6417, 0.3207, 0.3271.

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

90.6417, 0.3207, 0.3271

Protanopia

90.5893, 0.3154, 0.3280

Deuteranopia

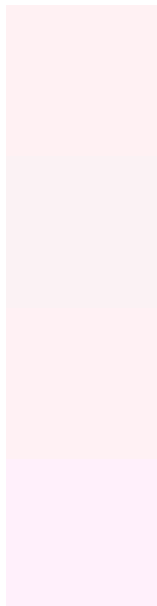
90.7022, 0.3201, 0.3261



Tritanopia

90.8002, 0.3134, 0.3146

Trichromacy



Original Color

90.6417, 0.3207, 0.3271

Protanomaly

90.5451, 0.3174, 0.3271

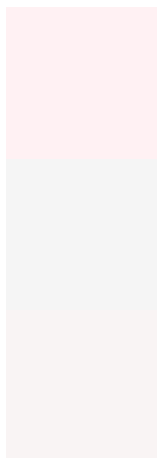
Deuteranomaly

90.7022, 0.3201, 0.3261

Tritanomaly

90.5452, 0.3158, 0.3184

Monochromacy



Original Color

90.6417, 0.3207, 0.3271

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3728, 0.3160, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.6417, 0.3207, 0.3271 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(255, 241, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 243)  
}
```

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(255, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 243) }
```

Border

The CSS property to change the border of an element to Yxy 90.6417, 0.3207, 0.3271 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(255, 241, 243) }
```

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

```
.border{ border-color:rgb(255, 241, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 241, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 90.6417, 0.3207, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 241, 243) }
```

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

```
.background{ background-color: rgb(255,  
241, 243) }
```

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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