

Converting Colors

$Yxy(64.7790, 0.4057, 0.4208)$

Have a look what the booklet for
Yxy(64.7790, 0.4057, 0.4208)
contains.

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Color

Yxy(65.0122, 0.4057, 0.4213)

Conversions

Conversions Part 1

Format	Color
Hex	F3CF77
RGB	243, 207, 119
RGB Percent	95%, 81%, 47%
CMY	0.0470, 0.1882, 0.5334
CMYK	0.00, 0.15, 0.51, 0.05
HSL	43°, 84%, 71%
HSV	43°, 51%, 95%
XYZ	62.6049, 65.0122, 26.6962
YIQ	207.7320, 49.7040, -19.7360

Conversions

Conversions Part 2

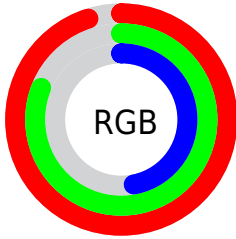
Format	Color
R_{YB}	170, 243, 119
Decimal	15978359
CIE _{Lab}	84.49, 1.89, 48.08
CIE _{LCh}	84, 48.118, 87.748
Yxy	65.0122, 0.4057, 0.4213
Android (android.graphics.Color)	4294168439 (0xFFFF3CF77)
YUV	207.7320, -43.7449, 30.9300
Hunter-Lab	80.6301, -2.5072, 36.8105

Details

The Yxy color **65.0122, 0.4057, 0.4213** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.8292, 0.2236, 0.2130**, and the grayscale version is **63.1595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **33.3902, 0.4248, 0.4405** is the 20% darker color. If you saturate the color by 10%, you get **61.1622, 0.4254, 0.4361**, and if you desaturate by 10%, it is **69.1702, 0.3857, 0.4042**.

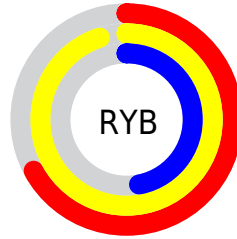
Distribution



Red (95%)

Green (81%)

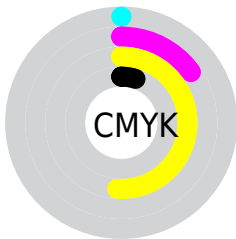
Blue (47%)



Red (67%)

Yellow (95%)

Blue (47%)

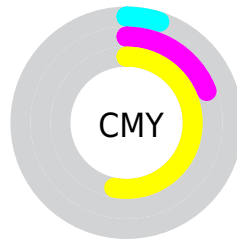


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (5%)



Cyan (5%)


Magenta (19%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0122, 0.4057, 0.4213 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 65.0122, 0.4057, 0.4213 by changing the saturation by 10% instead.


 65.0122, 0.4057,
0.4213

 65.0122, 0.4057,
0.4213

442.8358, 0.3633,
0.3796


 47.4710, 0.4148,
0.4301


 112.0674, 0.3914,
0.4073

 33.4081, 0.4256,
0.4405


 142.3502, 0.3857,
0.4017

 22.4393, 0.4384,
0.4528


 177.6489, 0.3807,
0.3968

 14.1800, 0.4535,
0.4669

218.3480, 0.3764,
0.3925

 8.2460, 0.4708,
0.4826

264.8318, 0.3725,
0.3887

 4.2528, 0.4954,
0.5046

317.4848, 0.3691,

 1.8159, 0.4980,

0.3854

0.5020

376.6913, 0.3661,
0.3823

0.4971, 0.5106,
0.4894

0.0000, 0.0000,
0.0000

65.0122, 0.4057,
0.4213

65.0122, 0.4057,
0.4213

61.1622, 0.4254,
0.4361

69.1702, 0.3857,
0.4042

57.5976, 0.4439,
0.4476


73.6395, 0.3661,
0.3858

54.3059, 0.4602,
0.4546

78.4343, 0.3474,
0.3670


51.2692, 0.4736,
0.4566

83.5654, 0.3301,
0.3485

 48.7391, 0.4832,
0.4546

 89.0425, 0.3143,
0.3308

 94.2288, 0.3055,
0.3234

 97.7953, 0.3054,
0.3290

Harmonies

Analogous

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



65.0122, 0.4316, 0.3821



65.0122, 0.4057, 0.4213



65.0122, 0.3558, 0.4391

Triad

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



65.0122, 0.4057, 0.4213



65.0122, 0.2134, 0.3063



65.0122, 0.3197, 0.2569

Complementary

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



65.0122, 0.4057, 0.4213



33.8292, 0.2236, 0.2130

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.



65.0122, 0.2626, 0.2375



65.0122, 0.4057, 0.4213



65.0122, 0.2060, 0.2603

Square

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



65.0122, 0.4057, 0.4213



65.0122, 0.2454, 0.3675



65.0122, 0.2229, 0.2376



65.0122, 0.3802, 0.2917

Rectangle

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



65.0122, 0.4057, 0.4213



65.0122, 0.3166, 0.4310



65.0122, 0.2229, 0.2376



65.0122, 0.2993, 0.2485

Sweetspot

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



65.0153, 0.4057, 0.4213



90.8964, 0.3369, 0.3559



34.6522, 0.4137, 0.2892



19.1967, 0.3405, 0.3598



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.



65.0153, 0.4057, 0.4213



68.1885, 0.4257, 0.4363



80.3712, 0.3692, 0.4611



18.4534, 0.3276, 0.3457



26.9923, 0.4819, 0.4556



2.5487, 0.4722, 0.4633

Inverse Universe

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



33.8292, 0.2236, 0.2130



30.0269, 0.2056, 0.1854



25.5716, 0.2317, 0.1731



16.7103, 0.2980, 0.3117



6.1929, 0.1604, 0.0974



0.7138, 0.1671, 0.1216

Previews

White Background



This preview shows how the Yxy color 65.0122, 0.4057, 0.4213 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 65.0122, 0.4057, 0.4213 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 65.0122, 0.4057, 0.4213

Background



This preview shows how black text looks on a background with the Yxy color 65.0122, 0.4057, 0.4213.



This preview shows how white text looks on a background with the Yxy color 65.0122, 0.4057, 0.4213.

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

65.0122, 0.4057, 0.4213

Protanopia

65.1004, 0.3939, 0.4276

Deuteranopia

65.0334, 0.4127, 0.4055



Tritanopia

64.8785, 0.3463, 0.3136

Trichromacy



Original Color

65.0122, 0.4057, 0.4213

Protanomaly

65.2821, 0.3977, 0.4254

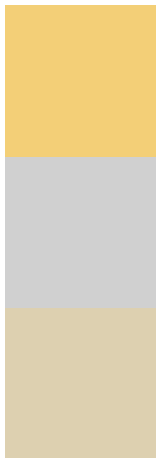
Deuteranomaly

65.1502, 0.4105, 0.4113

Tritanomaly

64.6626, 0.3694, 0.3525

Monochromacy



Original Color

65.0122, 0.4057, 0.4213

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6185, 0.3460, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0122, 0.4057, 0.4213 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(243, 207, 119)` looks like.

```
.text, #text, p{  
    color:rgb(243, 207, 119)  
}
```

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(243, 207, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 207, 119) }
```

Border

The CSS property to change the border of an element to Yxy 65.0122, 0.4057, 0.4213 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(243, 207, 119) }
```

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

```
.border{ border-color:rgb(243, 207, 119) }
```

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

Here you see how a box with a 4 pixel rgb(243, 207, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 207, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 207, 119);  
box-shadow:4px 4px 4px 4px rgb(243, 207,  
119) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 65.0122, 0.4057, 0.4213$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 207, 119) }
```

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

```
.background{ background-color: rgb(243,  
207, 119) }
```

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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