

Converting Colors

$Y_{xy}(64.7053, 0.3716, 0.3719)$

Have a look what the booklet for
Yxy(64.7053, 0.3716, 0.3719)
contains.

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Color

Yxy(64.6031, 0.3718, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	F1CCA5
RGB	241, 204, 165
RGB Percent	95%, 80%, 65%
CMY	0.0547, 0.2000, 0.3528
CMYK	0.00, 0.15, 0.32, 0.05
HSL	31°, 73%, 80%
HSV	31°, 32%, 95%
XYZ	64.6727, 64.6031, 44.6690
YIQ	210.6170, 34.5710, -4.2850

Conversions

Conversions Part 2

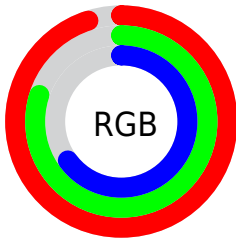
Format	Color
R _Y B	237, 241, 165
Decimal	15846565
CIE Lab	84.28, 7.54, 24.29
CIE LCh	84, 25.429, 72.754
Yxy	64.6031, 0.3718, 0.3714
Android (android.graphics.Color)	4294036645 (0xFFFF1CCA5)
YUV	210.6170, -22.4892, 26.6459
Hunter-Lab	80.3761, 2.9677, 23.3128

Details

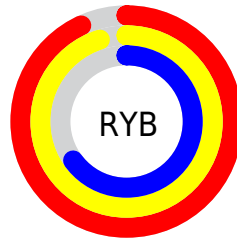
The Yxy color $64.6031, 0.3718, 0.3714$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $56.6338, 0.2619, 0.2823$, and the grayscale version is $65.0148, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9473, 0.3333, 0.3631$, and $33.1953, 0.3864, 0.3811$ is the 20% darker color. If you saturate the color by 10%, you get $58.4333, 0.3954, 0.3852$, and if you desaturate by 10%, it is $71.3657, 0.3505, 0.3575$.

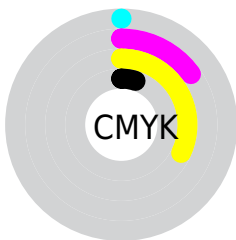
Distribution



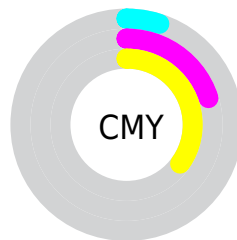
- Red (95%)
- Green (80%)
- Blue (65%)



- Red (93%)
- Yellow (95%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6031, 0.3718, 0.3714 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 64.6031, 0.3718, 0.3714 by changing the saturation by 10% instead.

 64.6031, 0.3718,
0.3714

 64.6031, 0.3718,
0.3714

441.3643, 0.3438,
0.3519

 47.1393, 0.3783,
0.3757


 111.4790, 0.3620,
0.3647

 33.1458, 0.3864,
0.3810


 141.6600, 0.3582,
0.3621

 22.2382, 0.3966,
0.3876


176.8488, 0.3550,
0.3598

 14.0320, 0.4100,
0.3959

217.4298, 0.3521,
0.3578

 8.1429, 0.4282,
0.4066

263.7875, 0.3497,
0.3561

 4.1865, 0.4538,
0.4203

316.3062, 0.3475,

 1.7785, 0.5261,

0.3546

0.4677

375.3704, 0.3456,
0.3532

0.4737, 0.5725,
0.4275

0.0000, 0.0000,
0.0000

64.6031, 0.3718,
0.3714

64.6031, 0.3718,
0.3714

58.4333, 0.3954,
0.3852

71.3657, 0.3505,
0.3575

52.8288, 0.4211,
0.3979

78.7296, 0.3316,
0.3439

47.7727, 0.4481,
0.4086

86.7145, 0.3151,
0.3309

43.2438, 0.4753,
0.4160

94.9145, 0.3042,
0.3251

■ 39.2184, 0.5009,
0.4187

■ 97.4485, 0.3042,
0.3290

■ 35.6701, 0.5234,
0.4160

■ 33.0107, 0.5394,
0.4099

Harmonies

Analogous

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



64.6031, 0.3756, 0.3480



64.6031, 0.3718, 0.3714



64.6031, 0.3518, 0.3849

Triad

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



64.6031, 0.3718, 0.3714



64.6031, 0.2658, 0.3340



64.6031, 0.3011, 0.2817

Complementary

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



64.6031, 0.3718, 0.3714



56.6338, 0.2619, 0.2823

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.



64.6031, 0.2732, 0.2766



64.6031, 0.3718, 0.3714



64.6031, 0.2537, 0.3048

Square

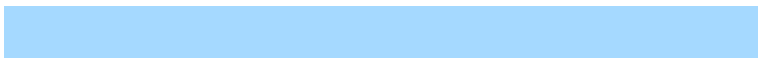
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6031, 0.3718, 0.3714



64.6031, 0.2904, 0.3634



64.6031, 0.2564, 0.2844



64.6031, 0.3335, 0.2978

Rectangle

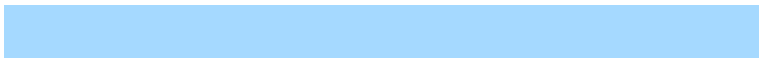
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.6031, 0.3718, 0.3714



64.6031, 0.3324, 0.3853



64.6031, 0.2564, 0.2844



64.6031, 0.2909, 0.2786

Sweetspot

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



64.6061, 0.3718, 0.3714



91.6780, 0.3273, 0.3405



49.9409, 0.3490, 0.2879



19.3466, 0.3298, 0.3425



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.



64.6061, 0.3718, 0.3714



68.7300, 0.3871, 0.3805



84.3624, 0.3604, 0.4078



17.0986, 0.3280, 0.3411



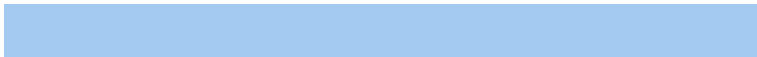
18.1651, 0.5370, 0.4118



1.7104, 0.5173, 0.4275

Inverse Universe

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



56.6338, 0.2619, 0.2823



58.3217, 0.2511, 0.2707



41.2744, 0.2564, 0.2359



16.5008, 0.2980, 0.3166



10.6714, 0.1760, 0.1537



1.0863, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 64.6031, 0.3718, 0.3714 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 64.6031, 0.3718, 0.3714 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 64.6031, 0.3718, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 64.6031, 0.3718, 0.3714.



This preview shows how white text looks on a background with the Yxy color 64.6031, 0.3718, 0.3714.

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

64.6031, 0.3718, 0.3714

Protanopia

64.7676, 0.3539, 0.3766

Deuteranopia

64.5505, 0.3766, 0.3688



Tritanopia

64.3294, 0.3397, 0.3123

Trichromacy



Original Color

64.6031, 0.3718, 0.3714

Protanomaly

64.7248, 0.3600, 0.3749

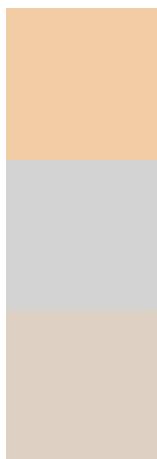
Deuteranomaly

64.6616, 0.3746, 0.3700

Tritanomaly

64.5272, 0.3509, 0.3334

Monochromacy



Original Color

64.6031, 0.3718, 0.3714

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.5364, 0.3335, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6031, 0.3718, 0.3714 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(241, 204, 165)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 165)  
}
```

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(241, 204, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 165) }
```

Border

The CSS property to change the border of an element to Yxy 64.6031, 0.3718, 0.3714 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(241, 204, 165) }
```

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

```
.border{ border-color:rgb(241, 204, 165) }
```

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

Here you see how a box with a 4 pixel rgb(241, 204, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 165);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6031, 0.3718, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 165) }
```

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

```
.background{ background-color: rgb(241,  
204, 165) }
```

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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