

Converting Colors

$Yxy(65.0977, 0.4237, 0.4217)$

Have a look what the booklet for
Yxy(65.0977, 0.4237, 0.4217)
contains.

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Color

Yxy(65.0977, 0.4237, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	FFCB6E
RGB	255, 203, 110
RGB Percent	100%, 80%, 43%
CMY	0.0001, 0.2039, 0.5687
CMYK	0.00, 0.20, 0.57, 0.00
HSL	38°, 100%, 72%
HSV	38°, 57%, 100%
XYZ	65.4064, 65.0977, 23.8656
YIQ	207.9460, 60.8450, -17.8990

Conversions

Conversions Part 2

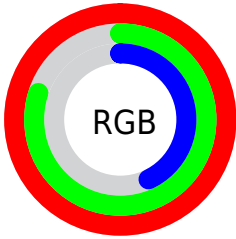
Format	Color
RYB	191, 255, 110
Decimal	16763758
CIELab	84.53, 8.10, 52.75
CIELCh	85, 53.365, 81.274
Yxy	65.0977, 0.4237, 0.4217
Android (android.graphics.Color)	4294953838 (0xFFFFCB6E)
YUV	207.9460, -48.2874, 41.2664
Hunter-Lab	80.6831, 3.5070, 38.9406

Details

The Yxy color **65.0977, 0.4237, 0.4217** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.3610, 0.2156, 0.2097**, and the grayscale version is **63.3298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4603, 0.3666, 0.4181**, and **33.4025, 0.4471, 0.4391** is the 20% darker color. If you saturate the color by 10%, you get **60.4322, 0.4455, 0.4334**, and if you desaturate by 10%, it is **70.1838, 0.4015, 0.4071**.

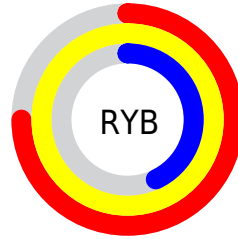
Distribution



Red (100%)

Green (80%)

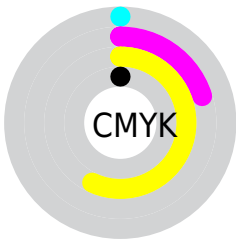
Blue (43%)



Red (75%)

Yellow (100%)

Blue (43%)

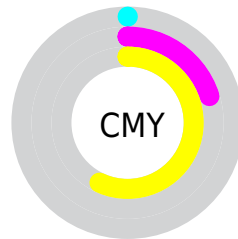


Cyan (0%)

Magenta (20%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0977, 0.4237, 0.4217 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 65.0977, 0.4237, 0.4217 by changing the saturation by 10% instead.


 65.0977, 0.4237,
0.4217

 65.0977, 0.4237,
0.4217

443.1430, 0.3732,
0.3813


 47.5403, 0.4344,
0.4298


 112.1903, 0.4067,
0.4085

 33.4630, 0.4471,
0.4389


 142.4943, 0.3999,
0.4031

 22.4814, 0.4620,
0.4492


 177.8160, 0.3940,
0.3983

 14.2110, 0.4793,
0.4601

 218.5397, 0.3888,
0.3941

 8.2676, 0.5007,
0.4722

265.0499, 0.3842,
0.3904

 4.2666, 0.5213,
0.4787

317.7309, 0.3801,

 1.8238, 0.5320,

0.3870

0.4680

376.9671, 0.3765,
0.3840

0.5019, 0.5734,
0.4266

0.0000, 0.0000,
0.0000

65.0977, 0.4237,
0.4217

65.0977, 0.4237,
0.4217

60.4322, 0.4455,
0.4334

70.1838, 0.4015,
0.4071

56.1593, 0.4659,
0.4411

75.6977, 0.3799,
0.3907

52.2612, 0.4836,
0.4437

81.6580, 0.3595,
0.3736

48.7123, 0.4980,
0.4411

88.0789, 0.3406,
0.3565

47.6610, 0.5021,
0.4396

94.9739, 0.3235,
0.3399

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



65.0977, 0.4456, 0.3752



65.0977, 0.4237, 0.4217



65.0977, 0.3727, 0.4497

Triad

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



65.0977, 0.4237, 0.4217



65.0977, 0.2090, 0.3169



65.0977, 0.3054, 0.2440

Complementary

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



65.0977, 0.4237, 0.4217



36.3610, 0.2156, 0.2097

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.



65.0977, 0.2461, 0.2271



65.0977, 0.4237, 0.4217



65.0977, 0.1954, 0.2615

Square

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



65.0977, 0.4237, 0.4217



65.0977, 0.2489, 0.3865



65.0977, 0.2082, 0.2318



65.0977, 0.3737, 0.2785

Rectangle

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



65.0977, 0.4237, 0.4217



65.0977, 0.3303, 0.4481



65.0977, 0.2082, 0.2318



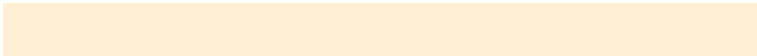
65.0977, 0.2837, 0.2362

Sweetspot

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



65.1008, 0.4237, 0.4217



87.9992, 0.3408, 0.3567



35.0568, 0.4202, 0.2757



18.5515, 0.3445, 0.3601



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.



65.1008, 0.4237, 0.4217



59.9345, 0.4479, 0.4345



90.4110, 0.3808, 0.4714



19.9311, 0.3278, 0.3442



25.1996, 0.5003, 0.4409



2.6605, 0.4886, 0.4502

Inverse Universe

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



36.3610, 0.2156, 0.2097



28.8684, 0.1979, 0.1818



23.0608, 0.2137, 0.1506



18.4433, 0.2979, 0.3133



7.9741, 0.1650, 0.1141



0.9742, 0.1713, 0.1366

Previews

White Background



This preview shows how the Yxy color 65.0977, 0.4237, 0.4217 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 65.0977, 0.4237, 0.4217 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 65.0977, 0.4237, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 65.0977, 0.4237, 0.4217.



This preview shows how white text looks on a background with the Yxy color 65.0977, 0.4237, 0.4217.

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

65.0977, 0.4237, 0.4217

Protanopia

65.1044, 0.3991, 0.4340

Deuteranopia

64.9817, 0.4142, 0.4074



Tritanopia

64.7952, 0.3521, 0.3168

Trichromacy



Original Color

65.0977, 0.4237, 0.4217

Protanomaly

64.9824, 0.4080, 0.4293

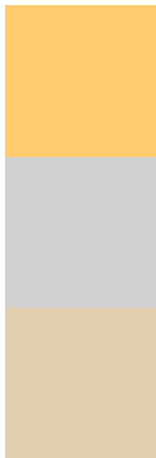
Deuteranomaly

64.8571, 0.4176, 0.4120

Tritanomaly

64.6267, 0.3798, 0.3563

Monochromacy



Original Color

65.0977, 0.4237, 0.4217

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1287, 0.3527, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0977, 0.4237, 0.4217 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, 203, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 110)  
}
```

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, 203, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 110) }
```

Border

The CSS property to change the border of an element to Yxy 65.0977, 0.4237, 0.4217 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, 203, 110) }
```

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

```
.border{ border-color:rgb(255, 203, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0977, 0.4237, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 110) }
```

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

```
.background{ background-color: rgb(255,  
203, 110) }
```

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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