

Converting Colors

$Yxy(46.6237, 0.3766, 0.4192)$

Have a look what the booklet for
Yxy(46.6237, 0.3766, 0.4192)
contains.

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Color

Yxy(46.7024, 0.3765, 0.4194)

Conversions

Conversions Part 1

Format	Color
Hex	C0B872
RGB	192, 184, 114
RGB Percent	75%, 72%, 45%
CMY	0.2469, 0.2785, 0.5529
CMYK	0.00, 0.04, 0.41, 0.25
HSL	54°, 38%, 60%
HSV	54°, 41%, 75%
XYZ	41.9253, 46.7024, 22.7276
YIQ	178.4120, 27.2380, -20.0740

Conversions

Conversions Part 2

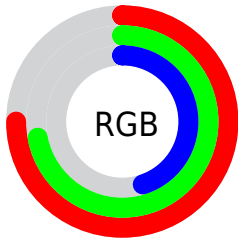
Format	Color
RYB	123, 192, 114
Decimal	12630130
CIELab	74.00, -7.31, 36.53
CIELCh	74, 37.257, 101.323
Yxy	46.7024, 0.3765, 0.4194
Android (android.graphics.Color)	4290820210 (0xFFC0B872)
YUV	178.4120, -31.7551, 11.9167
Hunter-Lab	68.3392, -10.0859, 28.1193

Details

The Yxy color **46.7024, 0.3765, 0.4194** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.3223, 0.2402, 0.2186**, and the grayscale version is **44.9159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4342, 0.3659, 0.4031**, and **21.9211, 0.3923, 0.4443** is the 20% darker color. If you saturate the color by 10%, you get **45.4941, 0.3918, 0.4397**, and if you desaturate by 10%, it is **48.0183, 0.3605, 0.3975**.

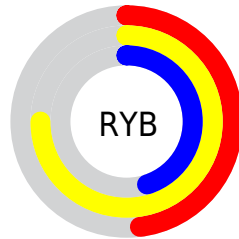
Distribution



Red (75%)

Green (72%)

Blue (45%)



Red (48%)

Yellow (75%)

Blue (45%)

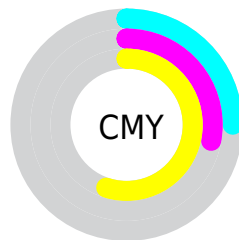


Cyan (0%)

Magenta (4%)

Yellow (41%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7024, 0.3765, 0.4194 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 46.7024, 0.3765, 0.4194 by changing the saturation by 10% instead.

■ 46.7024, 0.3765,
0.4194

■ 46.7024, 0.3765,
0.4194

■ 373.6254, 0.3458,
0.3743

■ 32.8005, 0.3835,
0.4303

■ 85.2692, 0.3658,
0.4032

■ 21.9736, 0.3921,
0.4440

■ 110.7029, 0.3616,
0.3970

■ 13.8375, 0.4025,
0.4615

■ 140.7493, 0.3580,
0.3918

■ 8.0077, 0.4149,
0.4842

■ 175.7927, 0.3549,
0.3873

■ 4.0999, 0.4353,
0.5216

■ 216.2177, 0.3522,
0.3834

■ 1.7296, 0.4439,
0.5561

■ 262.4085, 0.3498,

■ 0.4427, 0.3536,

0.3800

0.6464

314.7496, 0.3477,
0.3770

0.0000, 0.0000,
0.0000

46.7024, 0.3765,
0.4194

46.7024, 0.3765,
0.4194

45.4941, 0.3918,
0.4397

48.0183, 0.3605,
0.3975

44.3812, 0.4058,
0.4575

49.4408, 0.3444,
0.3748

43.3593, 0.4179,
0.4718

50.9770, 0.3287,
0.3523

42.4211, 0.4275,
0.4820

52.6313, 0.3136,
0.3304

41.5577, 0.4343,
0.4877

54.4083, 0.2996,
0.3095

■ 40.8009, 0.4387,
0.4898

■ 56.3119, 0.2865,
0.2900

■ 58.3460, 0.2746,
0.2719

■ 59.6727, 0.2709,
0.2675

■ 60.5962, 0.2711,
0.2698

Harmonies

Analogous

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



46.7024, 0.4093, 0.3932



46.7024, 0.3765, 0.4194



46.7024, 0.3280, 0.4201

Triad

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



46.7024, 0.3765, 0.4194



46.7024, 0.2199, 0.2897



46.7024, 0.3434, 0.2782

Complementary

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



46.7024, 0.3765, 0.4194



21.3223, 0.2402, 0.2186

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.



46.7024, 0.2906, 0.2542



46.7024, 0.3765, 0.4194



46.7024, 0.2231, 0.2578

Square

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



46.7024, 0.3765, 0.4194



46.7024, 0.2389, 0.3382



46.7024, 0.2477, 0.2464



46.7024, 0.3907, 0.3138

Rectangle

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



46.7024, 0.3765, 0.4194



46.7024, 0.2938, 0.4026



46.7024, 0.2477, 0.2464



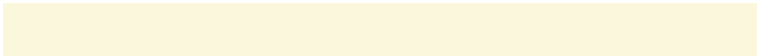
46.7024, 0.3255, 0.2687

Sweetspot

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



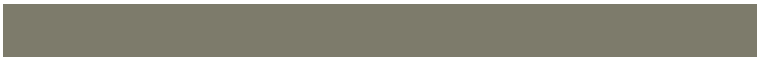
46.7045, 0.3765, 0.4194



91.8698, 0.3311, 0.3558



24.6831, 0.4023, 0.3168



19.6291, 0.3331, 0.3587



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



46.7045, 0.3765, 0.4194



82.5672, 0.3906, 0.4381



46.6303, 0.3460, 0.4381



11.5749, 0.3267, 0.3495



27.5066, 0.4385, 0.4901



1.2406, 0.4337, 0.4939

Inverse Universe

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



21.3223, 0.2402, 0.2186



30.2253, 0.2216, 0.1889



21.7680, 0.2664, 0.2145



9.9116, 0.2983, 0.3077



2.9491, 0.1523, 0.0681



0.1849, 0.1595, 0.0940

Previews

White Background



This preview shows how the Yxy color 46.7024, 0.3765, 0.4194 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 46.7024, 0.3765, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

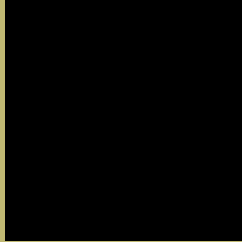
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7024, 0.3765, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 46.7024, 0.3765, 0.4194.



This preview shows how white text looks on a background with the Yxy color 46.7024, 0.3765, 0.4194.

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

46.7024, 0.3765, 0.4194

Protanopia

46.6539, 0.3839, 0.4165

Deuteranopia

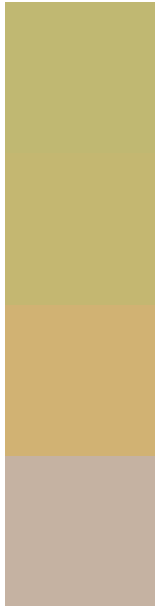
46.5931, 0.4056, 0.3979



Tritanopia

46.6134, 0.3232, 0.3117

Trichromacy



Original Color

46.7024, 0.3765, 0.4194

Protanomaly

46.7950, 0.3815, 0.4183

Deuteranomaly

46.6339, 0.3948, 0.4063

Tritanomaly

46.3197, 0.3431, 0.3495

Monochromacy



Original Color

46.7024, 0.3765, 0.4194

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.0764, 0.3359, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7024, 0.3765, 0.4194 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(192, 184, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 184, 114)  
}
```

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(192, 184, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 184, 114) }
```

Border

The CSS property to change the border of an element to Yxy 46.7024, 0.3765, 0.4194 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(192, 184, 114) }
```

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

```
.border{ border-color:rgb(192, 184, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 184, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 184, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 184, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 184,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7024, 0.3765, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 184, 114) }
```

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

```
.background{ background-color: rgb(192,  
184, 114) }
```

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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