

Converting Colors

Yxy(50.6442, 0.4124, 0.4071)

Have a look what the booklet for
Yxy(50.6442, 0.4124, 0.4071)
contains.

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Color

Yxy(50.7116, 0.4130, 0.4071)

Conversions

Conversions Part 1

Format	Color
Hex	E4B570
RGB	228, 181, 112
RGB Percent	89%, 71%, 44%
CMY	0.1058, 0.2902, 0.5607
CMYK	0.00, 0.21, 0.51, 0.11
HSL	36°, 68%, 67%
HSV	36°, 51%, 89%
XYZ	51.4466, 50.7116, 22.4098
YIQ	187.1870, 50.1610, -11.4950

Conversions

Conversions Part 2

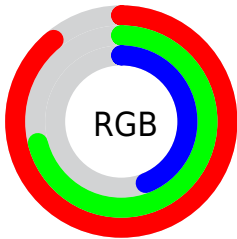
Format	Color
R _Y B	191, 228, 112
Decimal	14988656
CIE Lab	76.50, 8.76, 41.41
CIE LCh	77, 42.322, 78.056
Yxy	50.7116, 0.4130, 0.4071
Android (android.graphics.Color)	4293178736 (0xFFE4B570)
YUV	187.1870, -37.0672, 35.7930
Hunter-Lab	71.2121, 4.3346, 31.1905

Details

The Yxy color **50.7116, 0.4130, 0.4071** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.8524, 0.2280, 0.2332**, and the grayscale version is **49.9996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5450, 0.3718, 0.4014**, and **24.3322, 0.4382, 0.4237** is the 20% darker color. If you saturate the color by 10%, you get **46.6345, 0.4367, 0.4198**, and if you desaturate by 10%, it is **55.1714, 0.3899, 0.3924**.

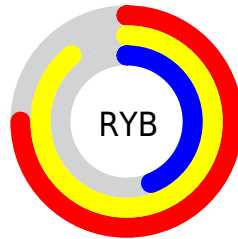
Distribution



Red (89%)

Green (71%)

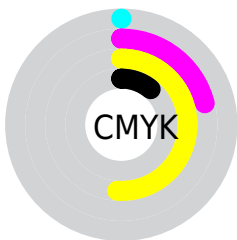
Blue (44%)



Red (75%)

Yellow (89%)

Blue (44%)

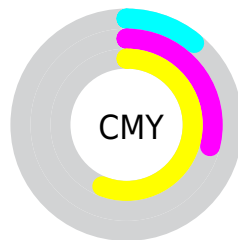


Cyan (0%)

Magenta (21%)

Yellow (51%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7116, 0.4130, 0.4071 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 50.7116, 0.4130, 0.4071 by changing the saturation by 10% instead.


 50.7116, 0.4130,
0.4071

 50.7116, 0.4130,
0.4071


389.4422, 0.3645,
0.3710

 35.9791, 0.4242,
0.4149


 91.2283, 0.3960,
0.3948


 24.4181, 0.4379,
0.4240


 117.7814, 0.3894,
0.3900

 15.6440, 0.4548,
0.4347


 149.0434, 0.3838,
0.3857

 9.2726, 0.4757,
0.4466

 185.3988, 0.3789,
0.3820

 4.9194, 0.5075,
0.4642

227.2320, 0.3746,
0.3788

 2.2001, 0.5327,
0.4673

274.9274, 0.3708,

 0.7200, 0.5554,

0.3759

0.4446

328.8694, 0.3675,
0.3733

0.0000, 0.0000,
0.0000

50.7116, 0.4130,
0.4071

50.7116, 0.4130,
0.4071

46.6345, 0.4367,
0.4198

55.1714, 0.3899,
0.3924

42.9181, 0.4601,
0.4292

60.0202, 0.3682,
0.3766

39.5486, 0.4817,
0.4341

65.2730, 0.3482,
0.3607

36.5074, 0.5005,
0.4339

70.9417, 0.3301,
0.3451

33.9929, 0.5148,
0.4295

77.0376, 0.3140,
0.3303

■ 83.5713, 0.2997,
0.3163

■ 89.4358, 0.2963,
0.3196

■ 95.1882, 0.2964,
0.3289

■ 95.2357, 0.2964,
0.3290

Harmonies

Analogous

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



50.7116, 0.4276, 0.3662



50.7116, 0.4130, 0.4071



50.7116, 0.3714, 0.4320

Triad

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



50.7116, 0.4130, 0.4071



50.7116, 0.2249, 0.3256



50.7116, 0.3006, 0.2518

Complementary

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



50.7116, 0.4130, 0.4071



33.8524, 0.2280, 0.2332

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.



50.7116, 0.2502, 0.2389



50.7116, 0.4130, 0.4071



50.7116, 0.2099, 0.2754

Square

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



50.7116, 0.4130, 0.4071



50.7116, 0.2628, 0.3841



50.7116, 0.2187, 0.2460



50.7116, 0.3594, 0.2812

Rectangle

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



50.7116, 0.4130, 0.4071



50.7116, 0.3352, 0.4320



50.7116, 0.2187, 0.2460



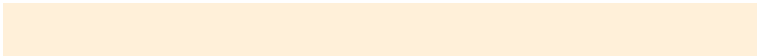
50.7116, 0.2822, 0.2455

Sweetspot

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



50.7140, 0.4130, 0.4071



88.2820, 0.3375, 0.3516



30.6375, 0.3950, 0.2740



18.5650, 0.3414, 0.3549



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.



50.7140, 0.4130, 0.4071



59.8513, 0.4379, 0.4203



71.6213, 0.3794, 0.4553



15.7861, 0.3278, 0.3430



19.8652, 0.5129, 0.4309



1.6492, 0.4956, 0.4447

Inverse Universe

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



33.8524, 0.2280, 0.2332



35.9116, 0.2110, 0.2090



21.3080, 0.2220, 0.1703



14.8413, 0.2981, 0.3146



7.9134, 0.1690, 0.1283



0.7633, 0.1770, 0.1571

Previews

White Background



This preview shows how the Yxy color 50.7116, 0.4130, 0.4071 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 50.7116, 0.4130, 0.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

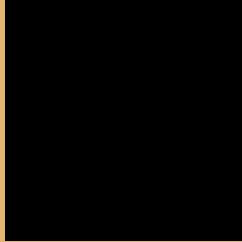
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7116, 0.4130, 0.4071

Background



This preview shows how black text looks on a background with the Yxy color 50.7116, 0.4130, 0.4071.



This preview shows how white text looks on a background with the Yxy color 50.7116, 0.4130, 0.4071.

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

50.7116, 0.4130, 0.4071

Protanopia

50.8984, 0.3871, 0.4190

Deuteranopia

50.4704, 0.4145, 0.4058



Tritanopia

50.6700, 0.3587, 0.3146

Trichromacy



Original Color

50.7116, 0.4130, 0.4071

Protanomaly

50.7798, 0.3967, 0.4143

Deuteranomaly

50.4704, 0.4145, 0.4058

Tritanomaly

50.2844, 0.3798, 0.3486

Monochromacy



Original Color

50.7116, 0.4130, 0.4071

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.7925, 0.3477, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7116, 0.4130, 0.4071 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(228, 181, 112)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 112)  
}
```

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(228, 181, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 112) }
```

Border

The CSS property to change the border of an element to Yxy 50.7116, 0.4130, 0.4071 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(228, 181, 112) }
```

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

```
.border{ border-color:rgb(228, 181, 112) }
```

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

Here you see how a box with a 4 pixel rgb(228, 181, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 181, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 181, 112);  
box-shadow:4px 4px 4px 4px rgb(228, 181,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7116, 0.4130, 0.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 112) }
```

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

```
.background{ background-color: rgb(228,  
181, 112) }
```

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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