

Converting Colors

$Yxy(48.9363, 0.4325, 0.3960)$

Have a look what the booklet for
Yxy(48.9363, 0.4325, 0.3960)
contains.

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Color

Yxy(48.7552, 0.4327, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	F0AB6D
RGB	240, 171, 109
RGB Percent	94%, 67%, 43%
CMY	0.0588, 0.3294, 0.5725
CMYK	0.00, 0.29, 0.55, 0.06
HSL	28°, 81%, 68%
HSV	28°, 55%, 94%
XYZ	53.2602, 48.7552, 21.0727
YIQ	184.5630, 61.0260, -4.6540

Conversions

Conversions Part 2

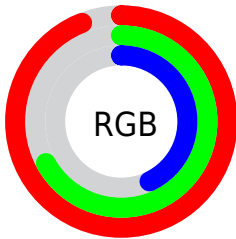
Format	Color
R _Y B	240, 227, 109
Decimal	15772525
CIE Lab	75.30, 18.69, 41.73
CIE LCh	75, 45.718, 65.875
Yxy	48.7552, 0.4327, 0.3961
Android (android.graphics.Color)	4293962605 (0xFFF0AB6D)
YUV	184.5630, -37.2526, 48.6182
Hunter-Lab	69.8249, 13.9605, 30.9841

Details

The Yxy color **48.7552, 0.4327, 0.3961** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **41.3875, 0.2262, 0.2467**, and the grayscale version is **48.4474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2613, 0.3775, 0.3942**, and **23.3332, 0.4637, 0.4092** is the 20% darker color. If you saturate the color by 10%, you get **43.7594, 0.4616, 0.4050**, and if you desaturate by 10%, it is **54.3537, 0.4052, 0.3848**.

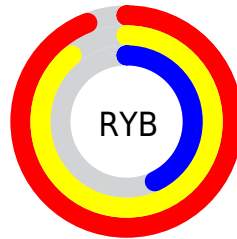
Distribution



Red (94%)

Green (67%)

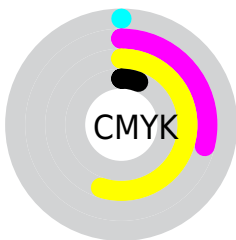
Blue (43%)



Red (94%)

Yellow (89%)

Blue (43%)

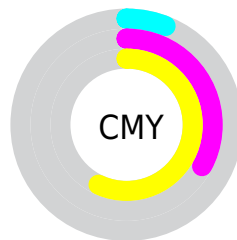


Cyan (0%)

Magenta (29%)

Yellow (55%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7552, 0.4327, 0.3961 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 48.7552, 0.4327, 0.3961 by changing the saturation by 10% instead.


 48.7552, 0.4327,
0.3961


 48.7552, 0.4327,
0.3961

381.7778, 0.3739,
0.3665


 34.4253, 0.4465,
0.4019


 88.3278, 0.4119,
0.3864

 23.2205, 0.4634,
0.4084


 114.3392, 0.4039,
0.3825

 14.7564, 0.4845,
0.4153


 145.0134, 0.3971,
0.3790

 8.6486, 0.5109,
0.4214

 180.7346, 0.3912,
0.3759

 4.5127, 0.5547,
0.4326

221.8872, 0.3860,
0.3731

 1.9643, 0.5838,
0.4162

268.8557, 0.3815,

 0.5866, 0.6362,

0.3707

0.3638

322.0244, 0.3775,
0.3685

0.0000, 0.0000,
0.0000

48.7552, 0.4327,
0.3961

48.7552, 0.4327,
0.3961

43.7594, 0.4616,
0.4050

54.3537, 0.4052,
0.3848

39.3346, 0.4904,
0.4102

60.5705, 0.3799,
0.3722

35.4561, 0.5172,
0.4105

67.4291, 0.3573,
0.3593

32.0932, 0.5402,
0.4053

74.9497, 0.3373,
0.3465

30.4677, 0.5511,
0.4006

83.1512, 0.3199,
0.3343

■ 92.0520, 0.3048,
0.3229

■ 97.2663, 0.3035,
0.3290

Harmonies

Analogous

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



48.7552, 0.4342, 0.3488



48.7552, 0.4327, 0.3961



48.7552, 0.3972, 0.4332

Triad

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



48.7552, 0.4327, 0.3961



48.7552, 0.2310, 0.3513



48.7552, 0.2750, 0.2375

Complementary

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



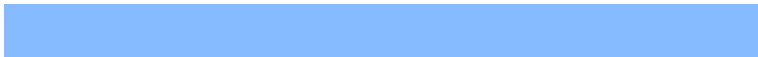
48.7552, 0.4327, 0.3961



41.3875, 0.2262, 0.2467

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.



48.7552, 0.2282, 0.2317



48.7552, 0.4327, 0.3961



48.7552, 0.2047, 0.2897

Square

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



48.7552, 0.4327, 0.3961



48.7552, 0.2801, 0.4125



48.7552, 0.2040, 0.2484



48.7552, 0.3375, 0.2624

Rectangle

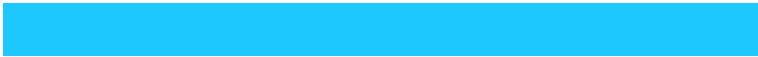
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.7552, 0.4327, 0.3961



48.7552, 0.3611, 0.4441



48.7552, 0.2040, 0.2484



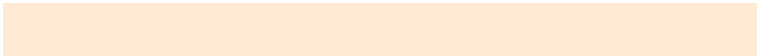
48.7552, 0.2571, 0.2332

Sweetspot

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



48.7576, 0.4327, 0.3961



84.6917, 0.3401, 0.3484



32.7144, 0.3854, 0.2545



17.7375, 0.3441, 0.3510



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.



48.7576, 0.4327, 0.3961



49.8775, 0.4634, 0.4055



79.4141, 0.3938, 0.4559



16.9926, 0.3281, 0.3402



16.9397, 0.5485, 0.4027



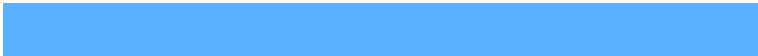
1.6070, 0.5271, 0.4197

Inverse Universe

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



41.3875, 0.2262, 0.2467



40.6258, 0.2114, 0.2271



21.4368, 0.2080, 0.1594



16.6069, 0.2980, 0.3175



11.9397, 0.1797, 0.1669



1.1924, 0.1861, 0.1897

Previews

White Background



This preview shows how the Yxy color 48.7552, 0.4327, 0.3961 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 48.7552, 0.4327, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

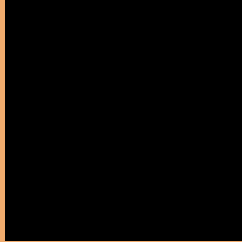
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7552, 0.4327, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 48.7552, 0.4327, 0.3961.



This preview shows how white text looks on a background with the Yxy color 48.7552, 0.4327, 0.3961.

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

48.7552, 0.4327, 0.3961

Protanopia

49.0521, 0.3849, 0.4170

Deuteranopia

48.6957, 0.4168, 0.4077



Tritanopia

48.7020, 0.3796, 0.3161

Trichromacy



Original Color

48.7552, 0.4327, 0.3961

Protanomaly

48.8389, 0.4012, 0.4098

Deuteranomaly

48.7316, 0.4227, 0.4040

Tritanomaly

48.5615, 0.4001, 0.3458

Monochromacy



Original Color

48.7552, 0.4327, 0.3961

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0560, 0.3543, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7552, 0.4327, 0.3961 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(240, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(240, 171, 109)  
}
```

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(240, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 171, 109) }
```

Border

The CSS property to change the border of an element to Yxy 48.7552, 0.4327, 0.3961 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(240, 171, 109) }
```

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

```
.border{ border-color:rgb(240, 171, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 171, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 171, 109);  
box-shadow:4px 4px 4px 4px rgb(240, 171,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7552, 0.4327, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 171, 109) }
```

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

```
.background{ background-color: rgb(240,  
171, 109) }
```

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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