

Converting Colors

$Yxy(35.6628, 0.4267, 0.3959)$

Have a look what the booklet for
Yxy(35.6628, 0.4267, 0.3959)
contains.

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Color

Yxy(35.7790, 0.4265, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	CE9660
RGB	206, 150, 96
RGB Percent	81%, 59%, 38%
CMY	0.1922, 0.4117, 0.6235
CMYK	0.00, 0.27, 0.53, 0.19
HSL	29°, 53%, 59%
HSV	29°, 53%, 81%
XYZ	38.4667, 35.7790, 15.9459
YIQ	160.5880, 50.7100, -4.9220

Conversions

Conversions Part 2

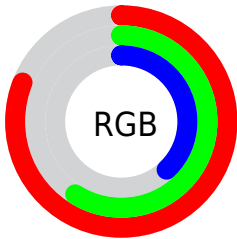
Format	Color
R_{YB}	206, 202, 96
Decimal	13538912
CIE _{Lab}	66.35, 14.88, 36.56
CIE _{LCh}	66, 39.477, 67.850
Yxy	35.7790, 0.4265, 0.3967
Android (android.graphics.Color)	4291728992 (0xFFCE9660)
YUV	160.5880, -31.8419, 39.8263
Hunter-Lab	59.8155, 10.1141, 26.0651

Details

The Yxy color **35.7790, 0.4265, 0.3967** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3880, 0.2281, 0.2466**, and the grayscale version is **35.5730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5838, 0.3963, 0.3870**, and **15.5266, 0.4601, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **32.2523, 0.4542, 0.4065**, and if you desaturate by 10%, it is **39.7078, 0.4001, 0.3848**.

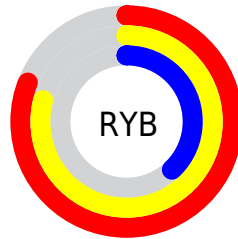
Distribution



Red (81%)

Green (59%)

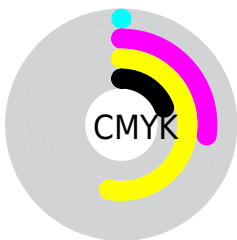
Blue (38%)



Red (81%)

Yellow (79%)

Blue (38%)

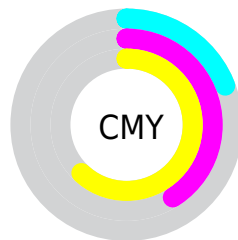


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7790, 0.4265, 0.3967 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 35.7790, 0.4265, 0.3967 by changing the saturation by 10% instead.


 35.7790, 0.4265,
0.3967


 35.7790, 0.4265,
0.3967


327.9936, 0.3677,
0.3646

 24.2636, 0.4412,
0.4036


 68.6908, 0.4050,
0.3857

 15.5292, 0.4598,
0.4115


 90.8560, 0.3969,
0.3814

 9.1917, 0.4836,
0.4201


 117.3399, 0.3901,
0.3776

 4.8664, 0.5161,
0.4292

 148.5268, 0.3843,
0.3743

 2.1691, 0.5630,
0.4370

184.8013, 0.3793,
0.3714

 0.7031, 0.5981,
0.4019

226.5476, 0.3750,

 0.0000, 0.0000,

0.3689

0.0000

274.1503, 0.3711,
0.3666

■ 35.7790, 0.4265,
0.3967

■ 35.7790, 0.4265,
0.3967

■ 32.2523, 0.4542,
0.4065

■ 39.7078, 0.4001,
0.3848

■ 29.1068, 0.4820,
0.4128

■ 44.0482, 0.3759,
0.3718

■ 26.3269, 0.5083,
0.4145

■ 48.8154, 0.3541,
0.3585

■ 23.8931, 0.5311,
0.4107

■ 54.0226, 0.3348,
0.3455

■ 22.4571, 0.5444,
0.4059

■ 59.6818, 0.3179,
0.3330

■ 65.8050, 0.3032,
0.3214

■ 72.4033, 0.2904,
0.3106

■ 79.1092, 0.2825,
0.3066

■ 85.2507, 0.2831,
0.3178

Harmonies

Analogous

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



35.7790, 0.4301, 0.3515



35.7790, 0.4265, 0.3967



35.7790, 0.3910, 0.4307

Triad

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



35.7790, 0.4265, 0.3967



35.7790, 0.2319, 0.3463



35.7790, 0.2803, 0.2419

Complementary

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



35.7790, 0.4265, 0.3967



29.3880, 0.2281, 0.2466

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.



35.7790, 0.2338, 0.2351



35.7790, 0.4265, 0.3967



35.7790, 0.2080, 0.2884

Square

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



35.7790, 0.4265, 0.3967



35.7790, 0.2781, 0.4053



35.7790, 0.2089, 0.2499



35.7790, 0.3407, 0.2671

Rectangle

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



35.7790, 0.4265, 0.3967



35.7790, 0.3557, 0.4392



35.7790, 0.2089, 0.2499



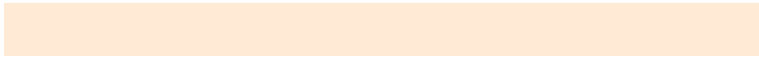
35.7790, 0.2627, 0.2374

Sweetspot

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



35.7807, 0.4265, 0.3967



85.1065, 0.3400, 0.3491



23.7794, 0.3847, 0.2587



17.8362, 0.3439, 0.3518



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.



35.7807, 0.4265, 0.3967



51.5160, 0.4581, 0.4076



57.2174, 0.3906, 0.4544



12.1082, 0.3278, 0.3404



14.0251, 0.5421, 0.4078



0.8754, 0.5119, 0.4318

Inverse Universe

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



29.3880, 0.2281, 0.2466



40.0859, 0.2118, 0.2250



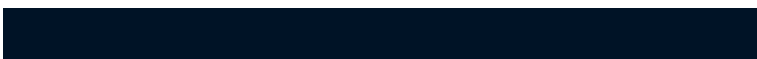
15.6473, 0.2110, 0.1625



11.7720, 0.2983, 0.3173



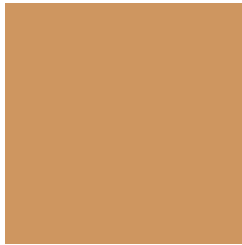
9.1385, 0.1784, 0.1621



0.6232, 0.1881, 0.1971

Previews

White Background



This preview shows how the Yxy color 35.7790, 0.4265, 0.3967 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 35.7790, 0.4265, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

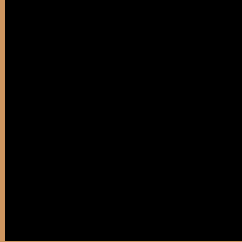
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7790, 0.4265, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 35.7790, 0.4265, 0.3967.



This preview shows how white text looks on a background with the Yxy color 35.7790, 0.4265, 0.3967.

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

35.7790, 0.4265, 0.3967

Protanopia

35.9909, 0.3835, 0.4167

Deuteranopia

35.6732, 0.4142, 0.4061



Tritanopia

35.8269, 0.3743, 0.3154

Trichromacy



Original Color

35.7790, 0.4265, 0.3967

Protanomaly

35.9194, 0.3984, 0.4092

Deuteranomaly

35.8880, 0.4191, 0.4034

Tritanomaly

35.8065, 0.3940, 0.3457

Monochromacy



Original Color

35.7790, 0.4265, 0.3967

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2672, 0.3519, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7790, 0.4265, 0.3967 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(206, 150, 96)` looks like.

```
.text, #text, p{  
    color:rgb(206, 150, 96)  
}
```

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(206, 150, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 150, 96) }
```

Border

The CSS property to change the border of an element to Yxy 35.7790, 0.4265, 0.3967 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(206, 150, 96) }
```

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

```
.border{ border-color:rgb(206, 150, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 150, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 150, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 150, 96);  
box-shadow:4px 4px 4px 4px rgb(206, 150,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7790, 0.4265, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 150, 96) }
```

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

```
.background{ background-color: rgb(206,  
150, 96) }
```

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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