

Converting Colors

$Y_{xy}(35.7558, 0.4169, 0.3774)$

Have a look what the booklet for
Yxy(35.7558, 0.4169, 0.3774)
contains.

Yxy(35.7155, 0.4162, 0.3771)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(35.7155, 0.4162, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	D0946E
RGB	208, 148, 110
RGB Percent	82%, 58%, 43%
CMY	0.1843, 0.4196, 0.5685
CMYK	0.00, 0.29, 0.47, 0.18
HSL	23°, 51%, 62%
HSV	23°, 47%, 82%
XYZ	39.4187, 35.7155, 19.5768
YIQ	161.6080, 47.9580, 0.9020

Conversions

Conversions Part 2

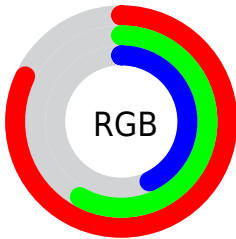
Format	Color
R _Y B	208, 172, 110
Decimal	13669486
CIE Lab	66.30, 18.12, 29.02
CIE LCh	66, 34.211, 58.017
Yxy	35.7155, 0.4162, 0.3771
Android (android.graphics.Color)	4291859566 (0xFFD0946E)
YUV	161.6080, -25.4427, 40.6858
Hunter-Lab	59.7624, 13.1525, 22.4117

Details

The Yxy color **35.7155, 0.4162, 0.3771** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.6328, 0.2405, 0.2736**, and the grayscale version is **36.0448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1097, 0.3863, 0.3708**, and **15.4765, 0.4478, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **31.5370, 0.4469, 0.3859**, and if you desaturate by 10%, it is **40.4437, 0.3883, 0.3670**.

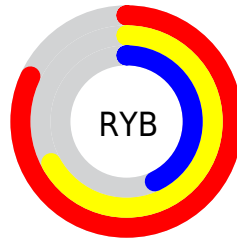
Distribution



Red (82%)

Green (58%)

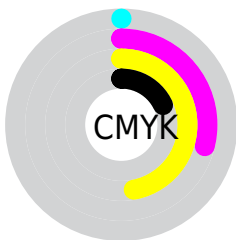
Blue (43%)



Red (82%)

Yellow (67%)

Blue (43%)

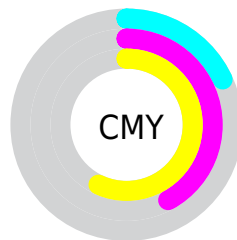


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7155, 0.4162, 0.3771 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 35.7155, 0.4162, 0.3771 by changing the saturation by 10% instead.


 35.7155, 0.4162,
0.3771

 35.7155, 0.4162,
0.3771


327.7153, 0.3621,
0.3544


 24.2146, 0.4302,
0.3820


 68.5927, 0.3961,
0.3693

 15.4929, 0.4482,
0.3877


 90.7378, 0.3887,
0.3663

 9.1660, 0.4722,
0.3940


 117.1997, 0.3825,
0.3636

 4.8496, 0.5050,
0.3999

 148.3628, 0.3772,
0.3613

 2.1593, 0.5784,
0.4216

184.6115, 0.3726,
0.3592

 0.6977, 0.6191,
0.3809

226.3302, 0.3687,

 0.0000, 1.0000,

0.3574

0.0000

273.9034, 0.3652,
0.3558

0.0000, 0.0000,
0.0000

35.7155, 0.4162,
0.3771

35.7155, 0.4162,
0.3771

31.5370, 0.4469,
0.3859

40.4437, 0.3883,
0.3670

27.8812, 0.4795,
0.3922

45.7367, 0.3638,
0.3564

24.7264, 0.5122,
0.3946


51.6154, 0.3424,
0.3459

22.0467, 0.5424,
0.3922

58.0980, 0.3241,
0.3358

19.8121, 0.5677,
0.3846


65.2020, 0.3084,
0.3263

 19.2381, 0.5745,
0.3821

 72.9440, 0.2950,
0.3176

 81.2991, 0.2839,
0.3102

 88.9468, 0.2846,
0.3237

 92.1503, 0.2849,
0.3289

Harmonies

Analogous

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



35.7155, 0.4084, 0.3363



35.7155, 0.4162, 0.3771



35.7155, 0.3941, 0.4105

Triad

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



35.7155, 0.4162, 0.3771



35.7155, 0.2538, 0.3619



35.7155, 0.2695, 0.2483

Complementary

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



35.7155, 0.4162, 0.3771



36.6328, 0.2405, 0.2736

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.



35.7155, 0.2340, 0.2486



35.7155, 0.4162, 0.3771



35.7155, 0.2253, 0.3096

Square

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



35.7155, 0.4162, 0.3771



35.7155, 0.2993, 0.4068



35.7155, 0.2186, 0.2692



35.7155, 0.3196, 0.2656

Rectangle

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



35.7155, 0.4162, 0.3771



35.7155, 0.3668, 0.4226



35.7155, 0.2186, 0.2692



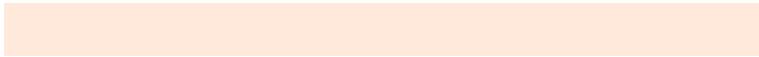
35.7155, 0.2556, 0.2463

Sweetspot

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



35.7172, 0.4162, 0.3771



84.7453, 0.3368, 0.3428



27.4882, 0.3605, 0.2548



17.6731, 0.3410, 0.3451



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.



35.7172, 0.4162, 0.3771



49.6444, 0.4488, 0.3863



54.2754, 0.3876, 0.4320



12.5488, 0.3281, 0.3381



12.1646, 0.5720, 0.3841



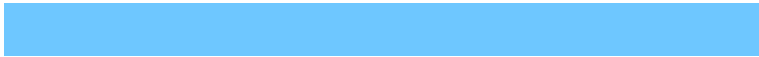
0.8324, 0.5379, 0.4111

Inverse Universe

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



36.6328, 0.2405, 0.2736



51.2063, 0.2260, 0.2585



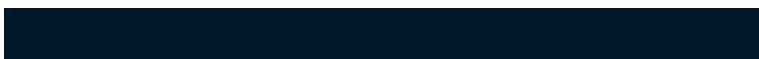
21.6585, 0.2269, 0.1988



12.6056, 0.2983, 0.3198



12.5532, 0.1883, 0.1977



0.8534, 0.1957, 0.2244

Previews

White Background



This preview shows how the Yxy color 35.7155, 0.4162, 0.3771 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 35.7155, 0.4162, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

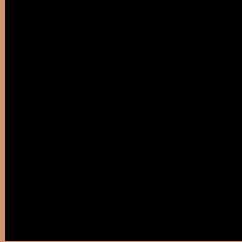
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7155, 0.4162, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 35.7155, 0.4162, 0.3771.



This preview shows how white text looks on a background with the Yxy color 35.7155, 0.4162, 0.3771.

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

35.7155, 0.4162, 0.3771

Protanopia

35.7494, 0.3675, 0.3939

Deuteranopia

35.8843, 0.3972, 0.3908



Tritanopia

35.6430, 0.3768, 0.3155

Trichromacy



Original Color

35.7155, 0.4162, 0.3771

Protanomaly

35.4309, 0.3844, 0.3872

Deuteranomaly

35.5664, 0.4043, 0.3857

Tritanomaly

35.6015, 0.3927, 0.3381

Monochromacy



Original Color

35.7155, 0.4162, 0.3771

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.6808, 0.3481, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7155, 0.4162, 0.3771 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(208, 148, 110)` looks like.

```
.text, #text, p{  
    color:rgb(208, 148, 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(208, 148, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 148, 110) }
```

Border

The CSS property to change the border of an element to Yxy 35.7155, 0.4162, 0.3771 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(208, 148, 110) }
```

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

```
.border{ border-color:rgb(208, 148, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 148, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 148, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 148, 110);  
box-shadow:4px 4px 4px 4px rgb(208, 148,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7155, 0.4162, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 148, 110) }
```

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

```
.background{ background-color: rgb(208,  
148, 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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