

Converting Colors

Yxy(38.1607, 0.4212, 0.3950)

Have a look what the booklet for
Yxy(38.1607, 0.4212, 0.3950)
contains.

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Color

Yxy(38.1036, 0.4214, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	D29B66
RGB	210, 155, 102
RGB Percent	82%, 61%, 40%
CMY	0.1764, 0.3922, 0.6000
CMYK	0.00, 0.26, 0.51, 0.18
HSL	29°, 55%, 61%
HSV	29°, 51%, 82%
XYZ	40.7018, 38.1036, 17.7817
YIQ	165.4030, 49.7930, -4.8230

Conversions

Conversions Part 2

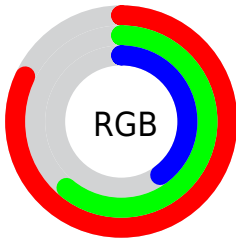
Format	Color
R _Y B	210, 206, 102
Decimal	13802342
CIE Lab	68.10, 14.39, 35.67
CIE LCh	68, 38.466, 68.037
Yxy	38.1036, 0.4214, 0.3945
Android (android.graphics.Color)	4291992422 (0xFFD29B66)
YUV	165.4030, -31.2577, 39.1116
Hunter-Lab	61.7281, 9.6737, 26.1303

Details

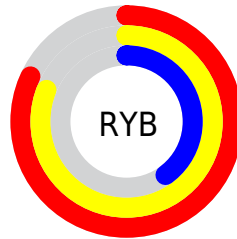
The Yxy color **38.1036, 0.4214, 0.3945** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.6025, 0.2310, 0.2502**, and the grayscale version is **37.9674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1940, 0.3897, 0.3859**, and **16.9393, 0.4523, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **34.3356, 0.4490, 0.4048**, and if you desaturate by 10%, it is **42.2964, 0.3953, 0.3823**.

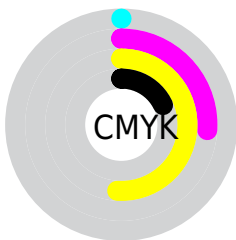
Distribution



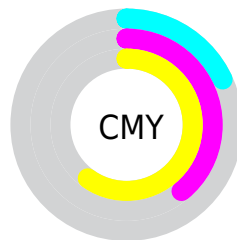
- Red (82%)
- Green (61%)
- Blue (40%)



- Red (82%)
- Yellow (81%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (51%)
- Black (18%)





- Cyan (18%)
- Magenta (39%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1036, 0.4214, 0.3945 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 38.1036, 0.4214, 0.3945 by changing the saturation by 10% instead.


 38.1036, 0.4214,
0.3945


 38.1036, 0.4214,
0.3945


338.0642, 0.3657,
0.3635


 26.0631, 0.4352,
0.4012


 72.2669, 0.4011,
0.3839


 16.8709, 0.4527,
0.4090


 95.1585, 0.3935,
0.3797

 10.1425, 0.4752,
0.4177


 122.4359, 0.3870,
0.3761

 5.4935, 0.5044,
0.4263

 154.4836, 0.3815,
0.3729

 2.5396, 0.5571,
0.4429

191.6858, 0.3768,
0.3701

 0.8964, 0.5838,
0.4162

234.4271, 0.3726,

 0.0000, 1.0000,

0.3676

0.0000

283.0917, 0.3690,
0.3654

0.0000, 0.0000,
0.0000

38.1036, 0.4214,
0.3945

38.1036, 0.4214,
0.3945

34.3356, 0.4490,
0.4048

42.2964, 0.3953,
0.3823

30.9705, 0.4770,
0.4118

46.9235, 0.3715,
0.3692

27.9925, 0.5037,
0.4144

52.0010, 0.3502,
0.3559

25.3814, 0.5273,
0.4117

57.5423, 0.3314,
0.3430

23.4115, 0.5447,
0.4057

63.5602, 0.3149,
0.3307

■ 70.0671, 0.3005,
0.3192

■ 77.0745, 0.2881,
0.3086

■ 83.5881, 0.2853,
0.3139

■ 90.0943, 0.2858,
0.3251

Harmonies

Analogous

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



38.1036, 0.4248, 0.3513



38.1036, 0.4214, 0.3945



38.1036, 0.3875, 0.4264

Triad

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



38.1036, 0.4214, 0.3945



38.1036, 0.2353, 0.3453



38.1036, 0.2822, 0.2455

Complementary

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



38.1036, 0.4214, 0.3945



31.6025, 0.2310, 0.2502

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.



38.1036, 0.2373, 0.2389



38.1036, 0.4214, 0.3945



38.1036, 0.2123, 0.2902

Square

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



38.1036, 0.4214, 0.3945



38.1036, 0.2795, 0.4012



38.1036, 0.2132, 0.2533



38.1036, 0.3399, 0.2698

Rectangle

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



38.1036, 0.4214, 0.3945



38.1036, 0.3538, 0.4340



38.1036, 0.2132, 0.2533



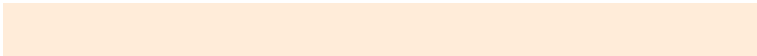
38.1036, 0.2652, 0.2412

Sweetspot

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



38.1055, 0.4214, 0.3945



85.9691, 0.3381, 0.3477



25.6707, 0.3810, 0.2609



18.0081, 0.3421, 0.3505



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.



38.1055, 0.4214, 0.3945



52.5730, 0.4525, 0.4059



59.8809, 0.3882, 0.4506



12.7522, 0.3278, 0.3404



14.4785, 0.5424, 0.4075



0.9682, 0.5140, 0.4301

Inverse Universe

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



31.6025, 0.2310, 0.2502



41.3726, 0.2146, 0.2290



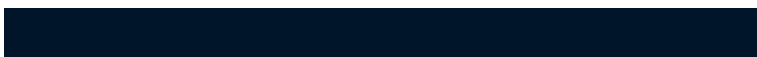
17.3414, 0.2150, 0.1691



12.3990, 0.2982, 0.3173



9.4511, 0.1784, 0.1621



0.6871, 0.1875, 0.1949

Previews

White Background



This preview shows how the Yxy color 38.1036, 0.4214, 0.3945 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 38.1036, 0.4214, 0.3945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

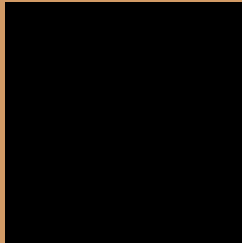
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1036, 0.4214, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 38.1036, 0.4214, 0.3945.



This preview shows how white text looks on a background with the Yxy color 38.1036, 0.4214, 0.3945.

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

38.1036, 0.4214, 0.3945

Protanopia

38.1368, 0.3813, 0.4120

Deuteranopia

38.1534, 0.4104, 0.4032



Tritanopia

38.1301, 0.3715, 0.3157

Trichromacy



Original Color

38.1036, 0.4214, 0.3945

Protanomaly

38.0670, 0.3957, 0.4049

Deuteranomaly

38.2307, 0.4142, 0.4011

Tritanomaly

38.1143, 0.3906, 0.3454

Monochromacy



Original Color

38.1036, 0.4214, 0.3945

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2665, 0.3500, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1036, 0.4214, 0.3945 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(210, 155, 102)` looks like.

```
.text, #text, p{  
    color:rgb(210, 155, 102)  
}
```

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(210, 155, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 155, 102) }
```

Border

The CSS property to change the border of an element to Yxy 38.1036, 0.4214, 0.3945 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(210, 155, 102) }
```

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

```
.border{ border-color:rgb(210, 155, 102) }
```

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

Here you see how a box with a 4 pixel rgb(210, 155, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 155, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 155, 102);  
box-shadow:4px 4px 4px 4px rgb(210, 155,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1036, 0.4214, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 155, 102) }
```

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

```
.background{ background-color: rgb(210,  
155, 102) }
```

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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