

Converting Colors

$Yxy(35.3561, 0.4095, 0.3613)$

Have a look what the booklet for
Yxy(35.3561, 0.4095, 0.3613)
contains.

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Color

Yxy(35.3085, 0.4096, 0.3608)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D29178 |
| RGB | 210, 145, 120 |
| RGB Percent | 82%, 57%, 47% |
| CMY | 0.1766, 0.4313, 0.5294 |
| CMYK | 0.00, 0.31, 0.43, 0.18 |
| HSL | 17°, 50%, 65% |
| HSV | 17°, 43%, 82% |
| XYZ | 40.0842, 35.3085, 22.4690 |
| YIQ | 161.5850, 46.7650, 6.0050 |

Conversions

Conversions Part 2

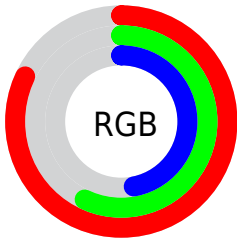
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 210, 155, 120 |
| Decimal | 13799800 |
| CIE Lab | 65.99, 21.56, 23.17 |
| CIE LCh | 66, 31.650, 47.063 |
| Yxy | 35.3085, 0.4096, 0.3608 |
| Android (android.graphics.Color) | 4291989880 (0xFFD29178) |
| YUV | 161.5850, -20.5014, 42.4600 |
| Hunter-Lab | 59.4210, 16.4257, 19.1751 |

Details

The Yxy color **35.3085, 0.4096, 0.3608** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.3082, 0.2490, 0.2939**, and the grayscale version is **36.0087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.0854, 0.3794, 0.3573**, and **15.2326, 0.4410, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **30.5278, 0.4428, 0.3675**, and if you desaturate by 10%, it is **40.8221, 0.3806, 0.3533**.

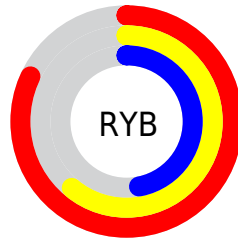
Distribution



Red (82%)

Green (57%)

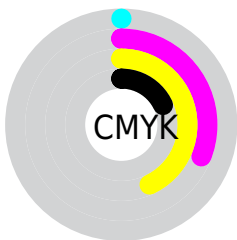
Blue (47%)



Red (82%)

Yellow (61%)

Blue (47%)

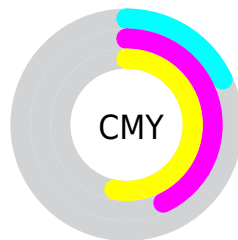


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (18%)



Cyan (18%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3085, 0.4096, 0.3608 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 35.3085, 0.4096, 0.3608 by changing the saturation by 10% instead.


 35.3085, 0.4096,
0.3608


 35.3085, 0.4096,
0.3608


325.9279, 0.3586,
0.3462


 23.9006, 0.4230,
0.3638


 67.9634, 0.3905,
0.3559

 15.2599, 0.4406,
0.3673


 89.9792, 0.3835,
0.3539

 9.0020, 0.4644,
0.3709


 116.2998, 0.3776,
0.3522

 4.7425, 0.4981,
0.3739

147.3095, 0.3727,
0.3507

 2.0970, 0.5618,
0.3822

183.3928, 0.3684,
0.3493

 0.6629, 0.6436,
0.3564

224.9341, 0.3647,

 0.0000, 1.0000,

0.3482

0.0000

272.3176, 0.3614,
0.3471

0.0000, 0.0000,
0.0000

35.3085, 0.4096,
0.3608

35.3085, 0.4096,
0.3608

30.5278, 0.4428,
0.3675

40.8221, 0.3806,
0.3533

26.4433, 0.4794,
0.3724

47.0930, 0.3557,
0.3456

23.0224, 0.5176,
0.3745

54.1511, 0.3348,
0.3380


20.2280, 0.5541,
0.3725


62.0226, 0.3172,
0.3309


18.0183, 0.5850,
0.3660

70.7329, 0.3024,
0.3243

 16.7644, 0.6028,
0.3596

 80.3061, 0.2900,
0.3183

 89.9707, 0.2858,
0.3249

 92.4351, 0.2860,
0.3289

Harmonies

Analogous

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



35.3085, 0.3918, 0.3222



35.3085, 0.4096, 0.3608



35.3085, 0.3989, 0.3954

Triad

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



35.3085, 0.4096, 0.3608



35.3085, 0.2721, 0.3765



35.3085, 0.2584, 0.2515

Complementary

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



35.3085, 0.4096, 0.3608



43.3082, 0.2490, 0.2939

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.



35.3085, 0.2315, 0.2589



35.3085, 0.4096, 0.3608



35.3085, 0.2387, 0.3285

Square

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



35.3085, 0.4096, 0.3608



35.3085, 0.3181, 0.4101



35.3085, 0.2246, 0.2854



35.3085, 0.3013, 0.2620

Rectangle

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



35.3085, 0.4096, 0.3608



35.3085, 0.3781, 0.4112



35.3085, 0.2246, 0.2854



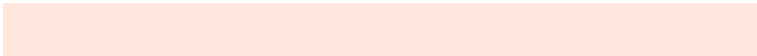
35.3085, 0.2474, 0.2519

Sweetspot

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



35.3102, 0.4096, 0.3608



83.7197, 0.3353, 0.3383



30.6700, 0.3428, 0.2495



17.3747, 0.3397, 0.3399



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.



35.3102, 0.4096, 0.3608



48.2782, 0.4383, 0.3667



51.4309, 0.3860, 0.4123



12.3361, 0.3284, 0.3355



10.3776, 0.6002, 0.3616



0.7149, 0.5634, 0.3909

Inverse Universe

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



43.3082, 0.2490, 0.2939



62.1400, 0.2378, 0.2853



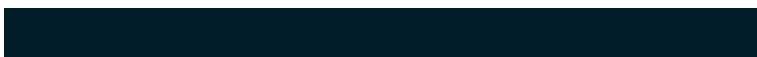
27.6885, 0.2381, 0.2282



12.8276, 0.2983, 0.3224



16.6265, 0.1991, 0.2366



1.0595, 0.2043, 0.2555

Previews

White Background



This preview shows how the Yxy color 35.3085, 0.4096, 0.3608 looks on a white background.

Color Contrast Check

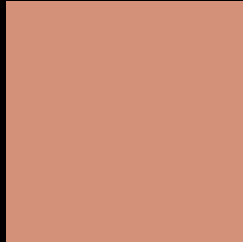
Large Text (above 18pt) WCAG AA × Fail

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 35.3085, 0.4096, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

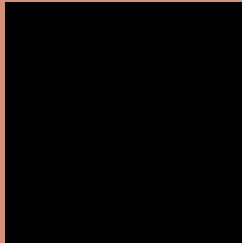
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3085, 0.4096, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 35.3085, 0.4096, 0.3608.



This preview shows how white text looks on a background with the Yxy color 35.3085, 0.4096, 0.3608.

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

35.3085, 0.4096, 0.3608

Protanopia

35.3318, 0.3544, 0.3772

Deuteranopia

35.3664, 0.3857, 0.3783



Tritanopia

35.4303, 0.3804, 0.3167

Trichromacy



Original Color

35.3085, 0.4096, 0.3608

Protanomaly

35.2122, 0.3739, 0.3723

Deuteranomaly

35.3354, 0.3937, 0.3717

Tritanomaly

35.2365, 0.3913, 0.3317

Monochromacy



Original Color

35.3085, 0.4096, 0.3608

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4672, 0.3444, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3085, 0.4096, 0.3608 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, 145, 120)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 120)  
}
```

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, 145, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 120) }
```

Border

The CSS property to change the border of an element to Yxy 35.3085, 0.4096, 0.3608 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, 145, 120) }
```

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

```
.border{ border-color:rgb(210, 145, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 145, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 120);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3085, 0.4096, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 120) }
```

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

```
.background{ background-color: rgb(210,  
145, 120) }
```

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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