

Converting Colors

$Y_{xy}(35.6775, 0.4353, 0.3785)$

Have a look what the booklet for
Yxy(35.6775, 0.4353, 0.3785)
contains.

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Color

Yxy(35.6775, 0.4353, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	D99067
RGB	217, 144, 103
RGB Percent	85%, 56%, 40%
CMY	0.1491, 0.4352, 0.5961
CMYK	0.00, 0.34, 0.53, 0.15
HSL	22°, 60%, 63%
HSV	22°, 53%, 85%
XYZ	41.0315, 35.6775, 17.5513
YIQ	161.1530, 56.6690, 2.7250

Conversions

Conversions Part 2

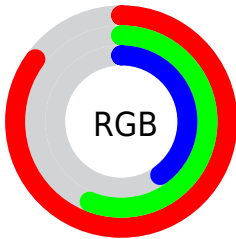
Format	Color
R _Y B	217, 167, 103
Decimal	14258279
CIE Lab	66.27, 23.26, 33.00
CIE LCh	66, 40.379, 54.820
Yxy	35.6775, 0.4353, 0.3785
Android (android.graphics.Color)	4292448359 (0xFFD99067)
YUV	161.1530, -28.6694, 48.9778
Hunter-Lab	59.7306, 18.0905, 24.3897

Details

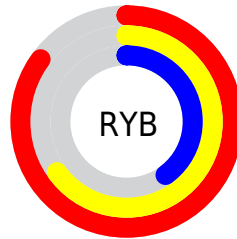
The Yxy color **35.6775, 0.4353, 0.3785** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.9207, 0.2337, 0.2704**, and the grayscale version is **35.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0147, 0.3934, 0.3740**, and **15.4755, 0.4728, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **31.3467, 0.4685, 0.3854**, and if you desaturate by 10%, it is **40.6424, 0.4048, 0.3697**.

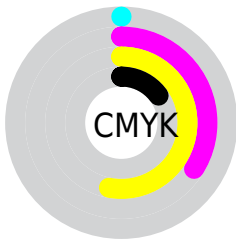
Distribution



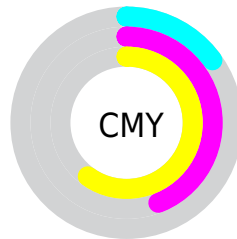
- Red (85%)
- Green (56%)
- Blue (40%)



- Red (85%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (53%)
- Black (15%)




- Cyan (15%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6775, 0.4353, 0.3785 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 35.6775, 0.4353, 0.3785 by changing the saturation by 10% instead.


 35.6775, 0.4353,
0.3785


 35.6775, 0.4353,
0.3785

327.5488, 0.3714,
0.3562


 24.1852, 0.4516,
0.3828


 68.5340, 0.4117,
0.3712


 15.4711, 0.4725,
0.3874


 90.6670, 0.4029,
0.3682

 9.1507, 0.4998,
0.3916


 117.1157, 0.3956,
0.3656

 4.8396, 0.5365,
0.3936

 148.2646, 0.3893,
0.3633

 2.1535, 0.6018,
0.3982

184.4979, 0.3839,
0.3612

 0.6944, 0.6501,
0.3499

226.2001, 0.3792,

 0.0000, 1.0000,

0.3593

0.0000

273.7556, 0.3750,
0.3577

0.0000, 0.0000,
0.0000

35.6775, 0.4353,
0.3785

35.6775, 0.4353,
0.3785

31.3467, 0.4685,
0.3854

40.6424, 0.4048,
0.3697

27.6171, 0.5028,
0.3891

46.2619, 0.3777,
0.3600

24.4604, 0.5359,
0.3884

52.5618, 0.3541,
0.3500

21.8429, 0.5646,
0.3826

59.5651, 0.3339,
0.3404

20.2120, 0.5825,
0.3757

67.2934, 0.3167,
0.3312

■ 75.7675, 0.3020,
0.3227

■ 85.0073, 0.2895,
0.3149

■ 93.4885, 0.2900,
0.3289

Harmonies

Analogous

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



35.6775, 0.4227, 0.3311



35.6775, 0.4353, 0.3785



35.6775, 0.4117, 0.4201

Triad

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



35.6775, 0.4353, 0.3785



35.6775, 0.2481, 0.3746



35.6775, 0.2565, 0.2346

Complementary

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



35.6775, 0.4353, 0.3785



38.9207, 0.2337, 0.2704

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.



35.6775, 0.2182, 0.2368



35.6775, 0.4353, 0.3785



35.6775, 0.2133, 0.3113

Square

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



35.6775, 0.4353, 0.3785



35.6775, 0.3023, 0.4264



35.6775, 0.2033, 0.2621



35.6775, 0.3136, 0.2526

Rectangle

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



35.6775, 0.4353, 0.3785



35.6775, 0.3808, 0.4377



35.6775, 0.2033, 0.2621



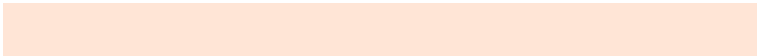
35.6775, 0.2413, 0.2329

Sweetspot

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



35.6793, 0.4353, 0.3785



82.1010, 0.3408, 0.3438



27.6234, 0.3638, 0.2427



17.1226, 0.3450, 0.3458



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.



35.6793, 0.4353, 0.3785



44.5885, 0.4720, 0.3860



56.9804, 0.3983, 0.4391



13.8149, 0.3283, 0.3375



12.4206, 0.5799, 0.3777



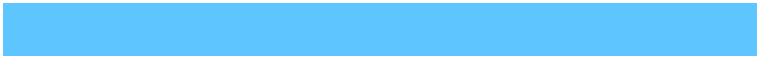
0.9648, 0.5487, 0.4025

Inverse Universe

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



38.9207, 0.2337, 0.2704



49.6293, 0.2198, 0.2555



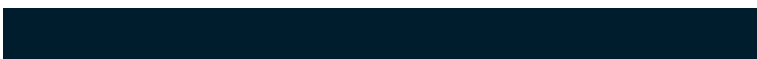
21.3443, 0.2167, 0.1862



14.0001, 0.2982, 0.3204



14.3979, 0.1909, 0.2072



1.0938, 0.1970, 0.2293

Previews

White Background



This preview shows how the Yxy color 35.6775, 0.4353, 0.3785 looks on a white background.

Color Contrast Check

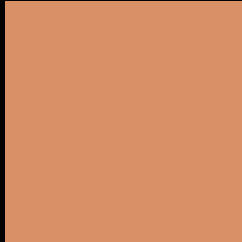
Large Text (above 18pt) WCAG AA × Fail

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 35.6775, 0.4353, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

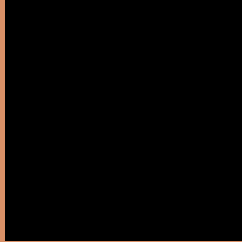
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6775, 0.4353, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 35.6775, 0.4353, 0.3785.



This preview shows how white text looks on a background with the Yxy color 35.6775, 0.4353, 0.3785.

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

35.6775, 0.4353, 0.3785

Protanopia

35.7295, 0.3740, 0.4021

Deuteranopia

35.6529, 0.4076, 0.3991



Tritanopia

35.6872, 0.3933, 0.3172

Trichromacy



Original Color

35.6775, 0.4353, 0.3785

Protanomaly

35.4514, 0.3959, 0.3942

Deuteranomaly

35.4685, 0.4177, 0.3905

Tritanomaly

35.6378, 0.4096, 0.3390

Monochromacy



Original Color

35.6775, 0.4353, 0.3785

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.1599, 0.3537, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6775, 0.4353, 0.3785 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(217, 144, 103)` looks like.

```
.text, #text, p{  
    color:rgb(217, 144, 103)  
}
```

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(217, 144, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 144, 103) }
```

Border

The CSS property to change the border of an element to Yxy 35.6775, 0.4353, 0.3785 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(217, 144, 103) }
```

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

```
.border{ border-color:rgb(217, 144, 103) }
```

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

Here you see how a box with a 4 pixel rgb(217, 144, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 144, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 144, 103);  
box-shadow:4px 4px 4px 4px rgb(217, 144,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6775, 0.4353, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 144, 103) }
```

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

```
.background{ background-color: rgb(217,  
144, 103) }
```

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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