

Converting Colors

$Y_{xy}(34.7765, 0.4178, 0.3603)$

Have a look what the booklet for
Yxy(34.7765, 0.4178, 0.3603)
contains.

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Color

Yxy(34.7765, 0.4178, 0.3603)

Conversions

Conversions Part 1	
Format	Color
Hex	D58E75
RGB	213, 142, 117
RGB Percent	84%, 56%, 46%
CMY	0.1647, 0.4431, 0.5412
CMYK	0.00, 0.33, 0.45, 0.16
HSL	16°, 53%, 65%
HSV	16°, 45%, 84%
XYZ	40.3265, 34.7765, 21.4180
YIQ	160.3790, 50.3410, 7.2770

Conversions

Conversions Part 2

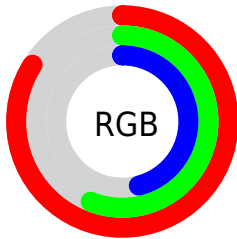
Format	Color
RYB	213, 151, 117
Decimal	13995637
CIELab	65.57, 24.10, 24.33
CIELCh	66, 34.244, 45.275
Yxy	34.7765, 0.4178, 0.3603
Android (android.graphics.Color)	4292185717 (0xFFD58E75)
YUV	160.3790, -21.3858, 46.1486
Hunter-Lab	58.9716, 18.8631, 19.7465

Details

The Yxy color **34.7765, 0.4178, 0.3603** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.5585, 0.2465, 0.2942**, and the grayscale version is **35.4223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6044, 0.3829, 0.3574**, and **14.9674, 0.4528, 0.3664** is the 20% darker color. If you saturate the color by 10%, you get **29.9713, 0.4525, 0.3663**, and if you desaturate by 10%, it is **40.3618, 0.3873, 0.3534**.

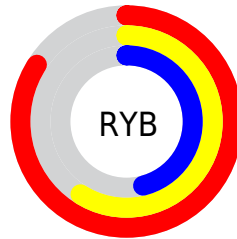
Distribution



Red (84%)

Green (56%)

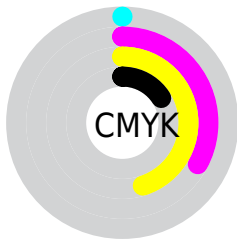
Blue (46%)



Red (84%)

Yellow (59%)

Blue (46%)

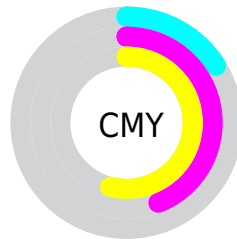


Cyan (0%)

Magenta (33%)

Yellow (45%)

Black (16%)



Cyan (16%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7765, 0.4178, 0.3603 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 34.7765, 0.4178, 0.3603 by changing the saturation by 10% instead.


 34.7765, 0.4178,
0.3603


 34.7765, 0.4178,
0.3603


323.5807, 0.3623,
0.3462


 23.4908, 0.4324,
0.3630


 67.1394, 0.3970,
0.3557

 14.9563, 0.4515,
0.3660


 88.9853, 0.3894,
0.3538

 8.7887, 0.4773,
0.3688


 115.1201, 0.3830,
0.3521

 4.6036, 0.5137,
0.3701

145.9282, 0.3776,
0.3507

 2.0166, 0.5877,
0.3792

181.7938, 0.3730,
0.3494

 0.6171, 0.6642,
0.3358


223.1016, 0.3690,

 0.0000, 1.0000,

0.3482


0.0000


270.2357, 0.3654,
0.3472


 0.0000, 0.0000,
0.0000


 34.7765, 0.4178,
0.3603


 34.7765, 0.4178,
0.3603


 29.9713, 0.4525,
0.3663


 40.3618, 0.3873,
0.3534

 25.9055, 0.4905,
0.3702

 46.7551, 0.3612,
0.3461


 22.5424, 0.5294,
0.3712


 53.9894, 0.3393,
0.3390


 19.8399, 0.5657,
0.3680


 62.0940, 0.3209,
0.3322


 17.7506, 0.5950,
0.3606

 71.0969, 0.3055,
0.3260

 16.9236, 0.6069,
0.3563

 81.0250, 0.2926,
0.3202

 91.1672, 0.2876,
0.3261

 92.8874, 0.2877,
0.3289

Harmonies

Analogous

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



34.7765, 0.3967, 0.3188



34.7765, 0.4178, 0.3603



34.7765, 0.4076, 0.3985

Triad

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



34.7765, 0.4178, 0.3603



34.7765, 0.2711, 0.3838



34.7765, 0.2516, 0.2453

Complementary

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



34.7765, 0.4178, 0.3603



44.5585, 0.2465, 0.2942

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.



34.7765, 0.2240, 0.2541



34.7765, 0.4178, 0.3603



34.7765, 0.2342, 0.3312

Square

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



34.7765, 0.4178, 0.3603



34.7765, 0.3212, 0.4191



34.7765, 0.2179, 0.2837



34.7765, 0.2970, 0.2556

Rectangle

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



34.7765, 0.4178, 0.3603



34.7765, 0.3857, 0.4169



34.7765, 0.2179, 0.2837



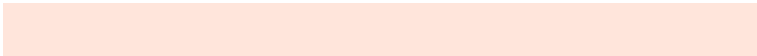
34.7765, 0.2402, 0.2460

Sweetspot

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



34.7782, 0.4178, 0.3603



82.2051, 0.3374, 0.3384



30.5456, 0.3431, 0.2438



17.0589, 0.3418, 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.



34.7782, 0.4178, 0.3603



45.3838, 0.4507, 0.3660



51.8302, 0.3910, 0.4148



12.9413, 0.3285, 0.3351



10.4787, 0.6045, 0.3582



0.7672, 0.5700, 0.3856

Inverse Universe

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



44.5585, 0.2465, 0.2942



61.7628, 0.2347, 0.2854



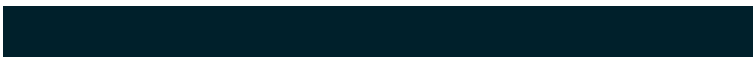
27.6383, 0.2342, 0.2242



13.5351, 0.2982, 0.3228



17.9502, 0.2008, 0.2428



1.2134, 0.2054, 0.2594

Previews

White Background



This preview shows how the Yxy color 34.7765, 0.4178, 0.3603 looks on a white background.

Color Contrast Check

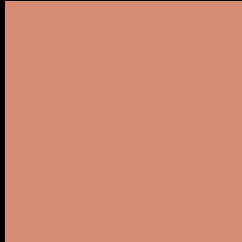
Large Text (above 18pt) WCAG AA × Fail

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 34.7765, 0.4178, 0.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

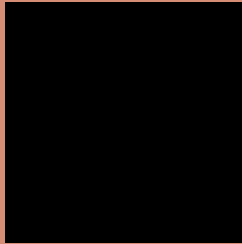
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7765, 0.4178, 0.3603

Background



This preview shows how black text looks on a background with the Yxy color 34.7765, 0.4178, 0.3603.



This preview shows how white text looks on a background with the Yxy color 34.7765, 0.4178, 0.3603.

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

34.7765, 0.4178, 0.3603

Protanopia

34.8230, 0.3556, 0.3789

Deuteranopia

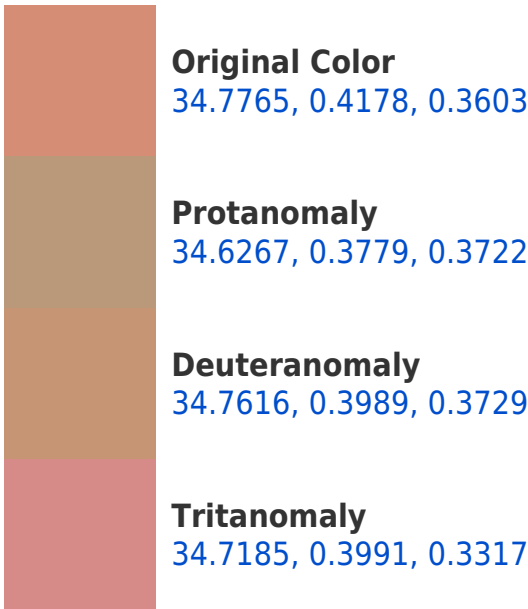
34.8391, 0.3882, 0.3812



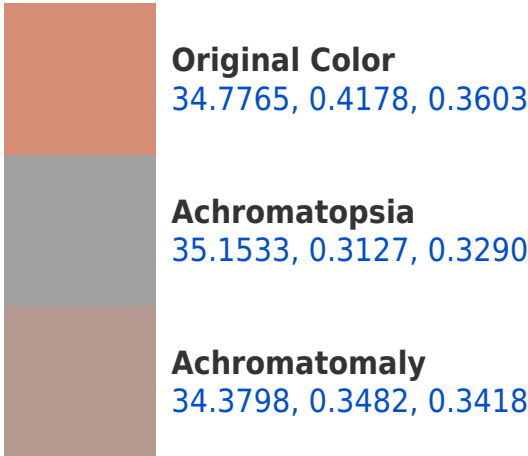
Tritanopia

34.9140, 0.3881, 0.3169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7765, 0.4178, 0.3603 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(213, 142, 117) looks like.

```
.text, #text, p{  
    color:rgb(213, 142, 117)  
}
```

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(213, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 142, 117) }
```

Border

The CSS property to change the border of an element to Yxy 34.7765, 0.4178, 0.3603 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(213, 142, 117) }
```

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

```
.border{ border-color:rgb(213, 142, 117) }
```

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

Here you see how a box with a 4 pixel rgb(213, 142, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(213, 142,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7765, 0.4178, 0.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 142, 117) }
```

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

```
.background{ background-color: rgb(213,  
142, 117) }
```

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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