

Converting Colors

$Y_{xy}(40.5515, 0.3758, 0.3682)$

Have a look what the booklet for
Yxy(40.5515, 0.3758, 0.3682)
contains.

| | |
|---|----|
| Yxy(40.5515, 0.3758, 0.3682) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(40.5515, 0.3758, 0.3682)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C8A486 |
| RGB | 200, 164, 134 |
| RGB Percent | 78%, 64%, 53% |
| CMY | 0.2159, 0.3568, 0.4746 |
| CMYK | 0.00, 0.18, 0.33, 0.22 |
| HSL | 27°, 37%, 65% |
| HSV | 27°, 33%, 78% |
| XYZ | 41.3885, 40.5515, 28.1944 |
| YIQ | 171.3440, 31.0860, -1.6980 |

Conversions

Conversions Part 2

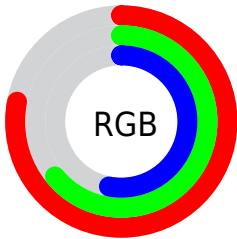
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 200, 189, 134 |
| Decimal | 13149318 |
| CIELab | 69.86, 8.89, 20.56 |
| CIELCh | 70, 22.399, 66.610 |
| Yxy | 40.5515, 0.3758, 0.3682 |
| Android (android.graphics.Color) | 4291339398 (0xFFC8A486) |
| YUV | 171.3440, -18.4106, 25.1313 |
| Hunter-Lab | 63.6801, 4.5750, 18.3253 |

Details

The Yxy color $40.5515, 0.3758, 0.3682$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $37.9547, 0.2608, 0.2861$, and the grayscale version is $40.9881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5109, 0.3620, 0.3619$, and $18.2482, 0.3955, 0.3784$ is the 20% darker color. If you saturate the color by 10%, you get $36.3136, 0.4007, 0.3803$, and if you desaturate by 10%, it is $45.2326, 0.3536, 0.3559$.

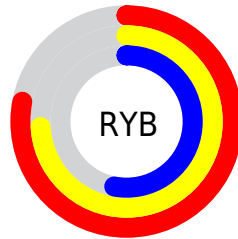
Distribution



Red (78%)

Green (64%)

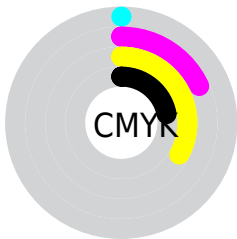
Blue (53%)



Red (78%)

Yellow (74%)

Blue (53%)

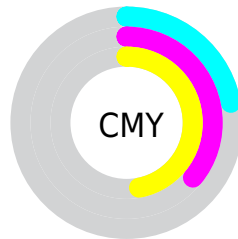


Cyan (0%)

Magenta (18%)

Yellow (33%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5515, 0.3758, 0.3682 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 40.5515, 0.3758, 0.3682 by changing the saturation by 10% instead.


 40.5515, 0.3758,
0.3682


 40.5515, 0.3758,
0.3682


348.4426, 0.3434,
0.3489

 27.9688, 0.3841,
0.3729


 76.0026, 0.3639,
0.3613

 18.3021, 0.3948,
0.3787


 99.6398, 0.3594,
0.3587

 11.1671, 0.4092,
0.3862


 127.7306, 0.3557,
0.3564

 6.1794, 0.4294,
0.3959

160.6594, 0.3525,
0.3545

 2.9544, 0.4592,
0.4085

198.8106, 0.3498,
0.3528

 1.1080, 0.5447,
0.4553

242.5686, 0.3474,

 0.0000, 1.0000,

0.3513

0.0000

292.3178, 0.3453,
0.3500

0.0000, 0.0000,
0.0000

40.5515, 0.3758,
0.3682

40.5515, 0.3758,
0.3682

36.3136, 0.4007,
0.3803

45.2326, 0.3536,
0.3559

32.4989, 0.4280,
0.3914

50.3647, 0.3342,
0.3438

29.0941, 0.4571,
0.4005


55.9625, 0.3173,
0.3323


26.0829, 0.4866,
0.4062


62.0385, 0.3027,
0.3216


23.4472, 0.5148,
0.4074


68.6043, 0.2900,
0.3116


 21.1671, 0.5395,
0.4032

 75.6714, 0.2791,
0.3025

 19.7627, 0.5546,
0.3978

 81.9690, 0.2794,
0.3133

 88.5848, 0.2802,
0.3249

 91.0134, 0.2805,
0.3289

Harmonies

Analogous

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



40.5515, 0.3758, 0.3430



40.5515, 0.3758, 0.3682



40.5515, 0.3582, 0.3848

Triad

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



40.5515, 0.3758, 0.3682



40.5515, 0.2688, 0.3406



40.5515, 0.2942, 0.2783

Complementary

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



40.5515, 0.3758, 0.3682



37.9547, 0.2608, 0.2861

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.



40.5515, 0.2675, 0.2757



40.5515, 0.3758, 0.3682



40.5515, 0.2535, 0.3096

Square

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



40.5515, 0.3758, 0.3682



40.5515, 0.2960, 0.3697



40.5515, 0.2530, 0.2864



40.5515, 0.3273, 0.2928

Rectangle

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



40.5515, 0.3758, 0.3682



40.5515, 0.3393, 0.3877



40.5515, 0.2530, 0.2864



40.5515, 0.2843, 0.2760

Sweetspot

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



40.5534, 0.3758, 0.3682



89.9210, 0.3292, 0.3404



32.2323, 0.3470, 0.2824



18.9581, 0.3317, 0.3421



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.



40.5534, 0.3758, 0.3682



64.6101, 0.3944, 0.3775



53.7718, 0.3632, 0.4068



11.4191, 0.3278, 0.3396



12.7462, 0.5523, 0.3997



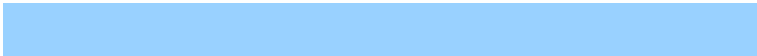
0.7479, 0.5176, 0.4272

Inverse Universe

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



37.9547, 0.2608, 0.2861



59.3770, 0.2489, 0.2743



27.2076, 0.2547, 0.2371



11.2288, 0.2983, 0.3182



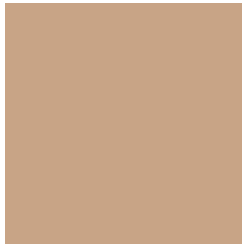
9.7787, 0.1818, 0.1744



0.6065, 0.1916, 0.2096

Previews

White Background



This preview shows how the Yxy color 40.5515, 0.3758, 0.3682 looks on a white background.

Color Contrast Check

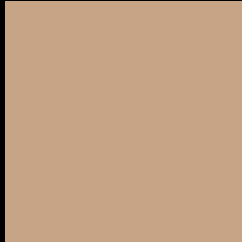
Large Text (above 18pt) WCAG AA × Fail

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 40.5515, 0.3758, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

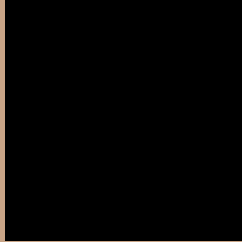
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5515, 0.3758, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 40.5515, 0.3758, 0.3682.



This preview shows how white text looks on a background with the Yxy color 40.5515, 0.3758, 0.3682.

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

40.5515, 0.3758, 0.3682

Protanopia

40.7557, 0.3517, 0.3759

Deuteranopia

40.5515, 0.3758, 0.3682



Tritanopia

40.5739, 0.3455, 0.3140

Trichromacy



Original Color

40.5515, 0.3758, 0.3682

Protanomaly

40.4742, 0.3605, 0.3723

Deuteranomaly

40.5515, 0.3758, 0.3682

Tritanomaly

40.6549, 0.3566, 0.3330

Monochromacy



Original Color

40.5515, 0.3758, 0.3682

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.4190, 0.3346, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5515, 0.3758, 0.3682 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(200, 164, 134)` looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 134)  
}
```

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(200, 164, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 134) }
```

Border

The CSS property to change the border of an element to Yxy 40.5515, 0.3758, 0.3682 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(200, 164, 134) }
```

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

```
.border{ border-color:rgb(200, 164, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 134);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5515, 0.3758, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 134) }
```

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

```
.background{ background-color: rgb(200,  
164, 134) }
```

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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