

Converting Colors

Yxy(54.7762, 0.3678, 0.3825)

Have a look what the booklet for
Yxy(54.7762, 0.3678, 0.3825)
contains.

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Color

Yxy(54.8770, 0.3676, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	D8C194
RGB	216, 193, 148
RGB Percent	85%, 76%, 58%
CMY	0.1531, 0.2431, 0.4196
CMYK	0.00, 0.11, 0.31, 0.15
HSL	40°, 47%, 71%
HSV	40°, 31%, 85%
XYZ	52.7255, 54.8770, 35.8293
YIQ	194.7470, 28.1530, -9.1190

Conversions

Conversions Part 2

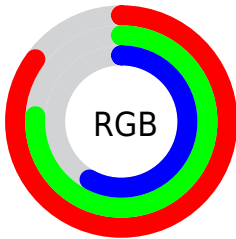
Format	Color
R _Y B	183, 216, 148
Decimal	14205332
CIE Lab	78.97, 1.48, 25.66
CIE LCh	79, 25.707, 86.707
Yxy	54.8770, 0.3676, 0.3826
Android (android.graphics.Color)	4292395412 (0xFFD8C194)
YUV	194.7470, -23.0463, 18.6389
Hunter-Lab	74.0790, -2.5914, 23.1789

Details

The Yxy color $54.8770, 0.3676, 0.3826$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.3554, 0.2607, 0.2687$, and the grayscale version is $54.5409, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.2756, 0.3453, 0.3755$, and $27.0928, 0.3812, 0.3967$ is the 20% darker color. If you saturate the color by 10%, you get $51.1135, 0.3880, 0.3998$, and if you desaturate by 10%, it is $58.9321, 0.3485, 0.3651$.

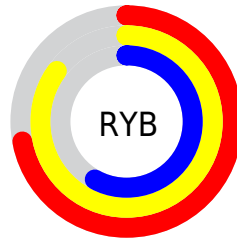
Distribution



Red (85%)

Green (76%)

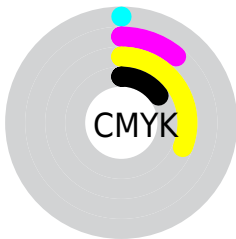
Blue (58%)



Red (72%)

Yellow (85%)

Blue (58%)

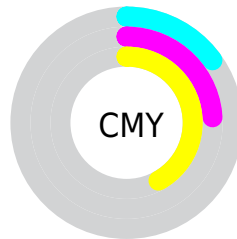


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8770, 0.3676, 0.3826 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 54.8770, 0.3676, 0.3826 by changing the saturation by 10% instead.

■ 54.8770, 0.3676,
0.3826

■ 54.8770, 0.3676,
0.3826

405.4455, 0.3411,
0.3568

■ 39.3033, 0.3739,
0.3887

■ 97.3607, 0.3582,
0.3735

■ 26.9957, 0.3817,
0.3962

■ 125.0395, 0.3546,
0.3700

■ 17.5700, 0.3918,
0.4058

157.5220, 0.3515,
0.3670

■ 10.6417, 0.4051,
0.4183

195.1928, 0.3489,
0.3644

■ 5.8265, 0.4231,
0.4351

238.4361, 0.3465,
0.3622

■ 2.7398, 0.4534,
0.4633

287.6364, 0.3445,

■ 0.9975, 0.4975,

0.3602

0.5025

343.1781, 0.3427,
0.3584

0.0000, 0.0000,
0.0000

54.8770, 0.3676,
0.3826

54.8770, 0.3676,
0.3826

51.1135, 0.3880,
0.3998

58.9321, 0.3485,
0.3651

47.6246, 0.4092,
0.4159

63.2799, 0.3309,
0.3479

44.4027, 0.4304,
0.4297


67.9313, 0.3149,
0.3314

41.4367, 0.4507,
0.4403


72.8941, 0.3006,
0.3158


38.7142, 0.4690,
0.4464


78.1125, 0.2884,
0.3023


 36.2208, 0.4844,
0.4475

 82.2431, 0.2887,
0.3100

 34.2555, 0.4953,
0.4449

 86.5453, 0.2890,
0.3177

 91.0211, 0.2893,
0.3252

 93.3331, 0.2894,
0.3289

Harmonies

Analogous

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



54.8770, 0.3804, 0.3615



54.8770, 0.3676, 0.3826



54.8770, 0.3402, 0.3900

Triad

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



54.8770, 0.3676, 0.3826



54.8770, 0.2549, 0.3190



54.8770, 0.3163, 0.2854

Complementary

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



54.8770, 0.3676, 0.3826



40.3554, 0.2607, 0.2687

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.



54.8770, 0.2833, 0.2742



54.8770, 0.3676, 0.3826



54.8770, 0.2493, 0.2914

Square

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



54.8770, 0.3676, 0.3826



54.8770, 0.2754, 0.3518



54.8770, 0.2593, 0.2758



54.8770, 0.3500, 0.3068

Rectangle

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



54.8770, 0.3676, 0.3826



54.8770, 0.3177, 0.3847



54.8770, 0.2593, 0.2758



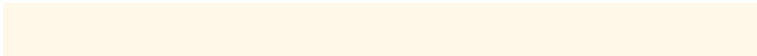
54.8770, 0.3047, 0.2804

Sweetspot

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



54.8795, 0.3676, 0.3826



93.7652, 0.3269, 0.3438



38.7429, 0.3590, 0.3003



19.8613, 0.3293, 0.3463



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.



54.8795, 0.3676, 0.3826



76.1283, 0.3815, 0.3945



64.3186, 0.3518, 0.4094



13.7809, 0.3275, 0.3444



20.4905, 0.4939, 0.4461



1.3861, 0.4778, 0.4588

Inverse Universe

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



40.3554, 0.2607, 0.2687



51.6785, 0.2484, 0.2529



33.4241, 0.2652, 0.2388



12.6870, 0.2982, 0.3131



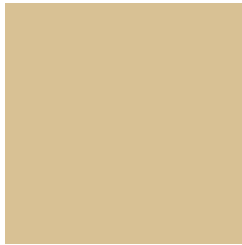
5.9280, 0.1639, 0.1100



0.5084, 0.1737, 0.1452

Previews

White Background



This preview shows how the Yxy color 54.8770, 0.3676, 0.3826 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 54.8770, 0.3676, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

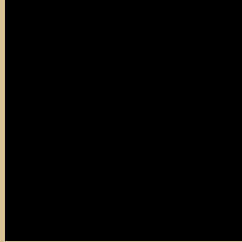
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8770, 0.3676, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 54.8770, 0.3676, 0.3826.



This preview shows how white text looks on a background with the Yxy color 54.8770, 0.3676, 0.3826.

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

54.8770, 0.3676, 0.3826

Protanopia

54.7554, 0.3601, 0.3848

Deuteranopia

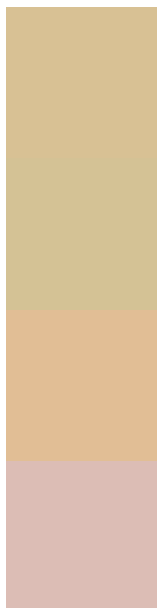
54.9594, 0.3810, 0.3736



Tritanopia

54.8175, 0.3319, 0.3131

Trichromacy



Original Color

54.8770, 0.3676, 0.3826

Protanomaly

54.7505, 0.3630, 0.3832

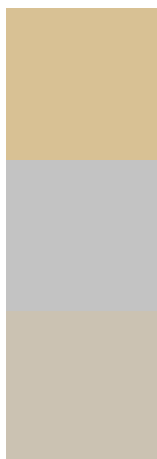
Deuteranomaly

55.0044, 0.3758, 0.3766

Tritanomaly

54.9470, 0.3452, 0.3384

Monochromacy



Original Color

54.8770, 0.3676, 0.3826

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.4944, 0.3323, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8770, 0.3676, 0.3826 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(216, 193, 148)` looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 148)  
}
```

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(216, 193, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 148) }
```

Border

The CSS property to change the border of an element to Yxy 54.8770, 0.3676, 0.3826 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(216, 193, 148) }
```

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

```
.border{ border-color:rgb(216, 193, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 193, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 193, 148);  
box-shadow:4px 4px 4px 4px rgb(216, 193,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8770, 0.3676, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 148) }
```

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

```
.background{ background-color: rgb(216,  
193, 148) }
```

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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