

Converting Colors

$Y_{xy}(30.9920, 0.4057, 0.3650)$

Have a look what the booklet for
Yxy(30.9920, 0.4057, 0.3650)
contains.

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Color

Yxy(30.9489, 0.4063, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	C38A70
RGB	195, 138, 112
RGB Percent	76%, 54%, 44%
CMY	0.2353, 0.4588, 0.5607
CMYK	0.00, 0.29, 0.43, 0.24
HSL	19°, 41%, 60%
HSV	19°, 43%, 76%
XYZ	34.5170, 30.9489, 19.4885
YIQ	152.0790, 42.3180, 3.9980

Conversions

Conversions Part 2

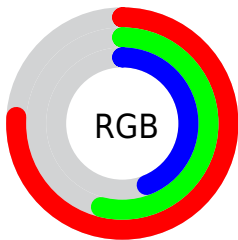
Format	Color
R_{YB}	195, 150, 112
Decimal	12814960
CIE _{Lab}	62.46, 18.52, 22.57
CIE _{LCh}	62, 29.195, 50.636
Yxy	30.9489, 0.4063, 0.3643
Android (android.graphics.Color)	4291005040 (0xFFC38A70)
YUV	152.0790, -19.7589, 37.6417
Hunter-Lab	55.6317, 13.3957, 18.1721

Details

The Yxy color **30.9489, 0.4063, 0.3643** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.7593, 0.2490, 0.2898**, and the grayscale version is **31.5097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2623, 0.3868, 0.3587**, and **12.8386, 0.4374, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **26.9533, 0.4380, 0.3719**, and if you desaturate by 10%, it is **35.5153, 0.3784, 0.3559**.

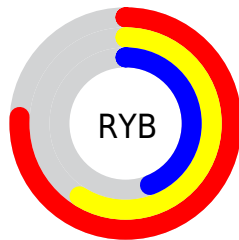
Distribution



Red (76%)

Green (54%)

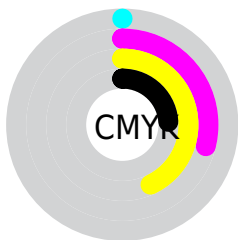
Blue (44%)



Red (76%)

Yellow (59%)

Blue (44%)

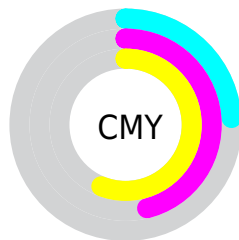


Cyan (0%)

Magenta (29%)

Yellow (43%)

Black (24%)



Cyan (24%)


Magenta (46%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9489, 0.4063, 0.3643 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 30.9489, 0.4063, 0.3643 by changing the saturation by 10% instead.


 30.9489, 0.4063,
0.3643


 30.9489, 0.4063,
0.3643

306.3028, 0.3560,
0.3473


 20.5599, 0.4199,
0.3681


 61.1596, 0.3872,
0.3584

 12.8027, 0.4379,
0.3725

 81.7502, 0.3803,
0.3561

 7.2928, 0.4628,
0.3774


 106.5100, 0.3745,
0.3541

 3.6459, 0.4987,
0.3819

 135.8236, 0.3697,
0.3524

 1.4775, 0.5917,
0.4083

170.0752, 0.3655,
0.3509

 0.2728, 0.7228,
0.2772


209.6494, 0.3619,


 0.0000, 0.0000,


0.3495


0.0000

254.9305, 0.3588,
0.3484

 30.9489, 0.4063,
0.3643


 30.9489, 0.4063,
0.3643


 26.9533, 0.4380,
0.3719


 35.5153, 0.3784,
0.3559


 23.5007, 0.4728,
0.3778


 40.6699, 0.3544,
0.3472


 20.5675, 0.5092,
0.3807


 46.4348, 0.3340,
0.3389


 18.1266, 0.5442,
0.3795

 52.8296, 0.3167,
0.3309


 16.1475, 0.5746,
0.3735

 59.8731, 0.3021,
0.3236

 14.9469, 0.5935,
0.3669

 67.5831, 0.2898,
0.3168

 75.9769, 0.2793,
0.3107

 84.2047, 0.2770,
0.3184

 90.3403, 0.2778,
0.3289

Harmonies

Analogous

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



30.9489, 0.3923, 0.3269



30.9489, 0.4063, 0.3643



30.9489, 0.3930, 0.3965

Triad

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



30.9489, 0.4063, 0.3643



30.9489, 0.2689, 0.3696



30.9489, 0.2646, 0.2544

Complementary

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



30.9489, 0.4063, 0.3643



35.7593, 0.2490, 0.2898

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.



30.9489, 0.2364, 0.2595



30.9489, 0.4063, 0.3643



30.9489, 0.2385, 0.3231

Square

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



30.9489, 0.4063, 0.3643



30.9489, 0.3124, 0.4044



30.9489, 0.2272, 0.2831



30.9489, 0.3074, 0.2664

Rectangle

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



30.9489, 0.4063, 0.3643



30.9489, 0.3715, 0.4101



30.9489, 0.2272, 0.2831



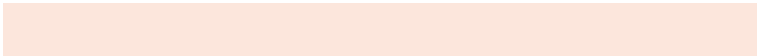
30.9489, 0.2532, 0.2541

Sweetspot

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



30.9504, 0.4063, 0.3643



82.4725, 0.3352, 0.3394



26.0985, 0.3456, 0.2536



17.5342, 0.3395, 0.3412



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.



30.9504, 0.4063, 0.3643



48.7906, 0.4355, 0.3714



44.7679, 0.3836, 0.4146



10.5813, 0.3281, 0.3363



9.8501, 0.5911, 0.3689



0.5513, 0.5463, 0.4044

Inverse Universe

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



35.7593, 0.2490, 0.2898



58.4645, 0.2367, 0.2796



22.9838, 0.2383, 0.2251



10.8789, 0.2984, 0.3216



13.7824, 0.1957, 0.2245



0.7141, 0.2030, 0.2506

Previews

White Background



This preview shows how the Yxy color 30.9489, 0.4063, 0.3643 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 30.9489, 0.4063, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

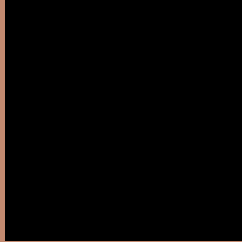
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9489, 0.4063, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 30.9489, 0.4063, 0.3643.



This preview shows how white text looks on a background with the Yxy color 30.9489, 0.4063, 0.3643.

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

30.9489, 0.4063, 0.3643

Protanopia

31.0183, 0.3556, 0.3799

Deuteranopia

30.9822, 0.3856, 0.3782



Tritanopia

31.0696, 0.3746, 0.3159

Trichromacy



Original Color

30.9489, 0.4063, 0.3643

Protanomaly

30.7030, 0.3730, 0.3735

Deuteranomaly

30.8080, 0.3939, 0.3729

Tritanomaly

30.8642, 0.3871, 0.3332

Monochromacy



Original Color

30.9489, 0.4063, 0.3643

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

30.9984, 0.3451, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9489, 0.4063, 0.3643 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(195, 138, 112)` looks like.

```
.text, #text, p{  
    color:rgb(195, 138, 112)  
}
```

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(195, 138, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 138, 112) }
```

Border

The CSS property to change the border of an element to Yxy 30.9489, 0.4063, 0.3643 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(195, 138, 112) }
```

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

```
.border{ border-color:rgb(195, 138, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 138, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 138, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 138, 112);  
box-shadow:4px 4px 4px 4px rgb(195, 138,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9489, 0.4063, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 138, 112) }
```

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

```
.background{ background-color: rgb(195,  
138, 112) }
```

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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