

Converting Colors

$Y_{xy}(28.7949, 0.4252, 0.3665)$

Have a look what the booklet for
Yxy(28.7949, 0.4252, 0.3665)
contains.

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Color

Yxy(28.7949, 0.4252, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	C58266
RGB	197, 130, 102
RGB Percent	77%, 51%, 40%
CMY	0.2274, 0.4902, 0.6000
CMYK	0.00, 0.34, 0.48, 0.23
HSL	18°, 45%, 59%
HSV	18°, 48%, 77%
XYZ	33.4068, 28.7949, 16.3656
YIQ	146.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

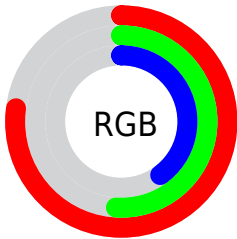
Format	Color
R_{YB}	197, 142, 102
Decimal	12943974
CIE _{Lab}	60.60, 22.69, 25.73
CIE _{LCh}	61, 34.304, 48.599
Yxy	28.7949, 0.4252, 0.3665
Android (android.graphics.Color)	4291134054 (0xFFC58266)
YUV	146.8410, -22.1066, 43.9894
Hunter-Lab	53.6609, 17.2194, 19.4803

Details

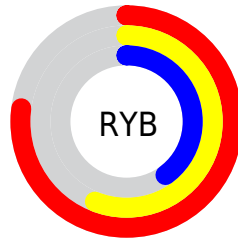
The Yxy color **28.7949, 0.4252, 0.3665** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2275, 0.2418, 0.2863**, and the grayscale version is **29.1870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.4269, 0.4015, 0.3607**, and **11.5886, 0.4628, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **25.0011, 0.4596, 0.3728**, and if you desaturate by 10%, it is **33.1834, 0.3945, 0.3589**.

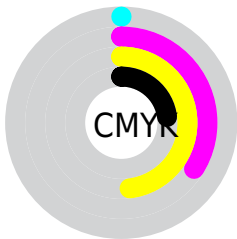
Distribution



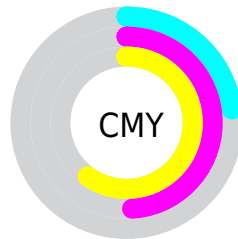
- Red (77%)
- Green (51%)
- Blue (40%)



- Red (77%)
- Yellow (56%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (48%)
- Black (23%)




- Cyan (23%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7949, 0.4252, 0.3665 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 28.7949, 0.4252, 0.3665 by changing the saturation by 10% instead.


 28.7949, 0.4252,
0.3665


 28.7949, 0.4252,
0.3665


296.2460, 0.3642,
0.3490

 18.9257, 0.4418,
0.3700


 57.7511, 0.4020,
0.3607

 11.6166, 0.4638,
0.3737


 77.6068, 0.3935,
0.3583

 6.4832, 0.4940,
0.3770


 101.5603, 0.3866,
0.3562

 3.1411, 0.5387,
0.3788

 129.9957, 0.3807,
0.3544

 1.2058, 0.6203,
0.3797

163.2977, 0.3756,
0.3528

 0.0664, 0.9028,
0.0972


201.8504, 0.3713,


 0.0000, 0.0000,


0.3514


0.0000


246.0384, 0.3675,
0.3502


 28.7949, 0.4252,
0.3665

 28.7949, 0.4252,
0.3665


 25.0011, 0.4596,
0.3728


 33.1834, 0.3945,
0.3589


 21.7712, 0.4964,
0.3767


 38.1870, 0.3680,
0.3508

 19.0779, 0.5332,
0.3771

 43.8306, 0.3453,
0.3427

 16.8894, 0.5667,
0.3730

 50.1360, 0.3262,
0.3350

 15.1674, 0.5937,
0.3647

 57.1244, 0.3101,
0.3278

■ 14.9050, 0.5982,
0.3633

■ 64.8157, 0.2965,
0.3211

■ 73.2291, 0.2851,
0.3150

■ 82.0835, 0.2778,
0.3142

■ 90.6105, 0.2789,
0.3289

Harmonies

Analogous

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



28.7949, 0.4064, 0.3226



28.7949, 0.4252, 0.3665



28.7949, 0.4105, 0.4063

Triad

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



28.7949, 0.4252, 0.3665



28.7949, 0.2630, 0.3819



28.7949, 0.2522, 0.2407

Complementary

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



28.7949, 0.4252, 0.3665



35.2275, 0.2418, 0.2863

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.



28.7949, 0.2209, 0.2473



28.7949, 0.4252, 0.3665



28.7949, 0.2262, 0.3248

Square

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



28.7949, 0.4252, 0.3665



28.7949, 0.3152, 0.4231



28.7949, 0.2118, 0.2759



28.7949, 0.3020, 0.2537

Rectangle

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



28.7949, 0.4252, 0.3665



28.7949, 0.3853, 0.4248



28.7949, 0.2118, 0.2759



28.7949, 0.2395, 0.2406

Sweetspot

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



28.7963, 0.4252, 0.3665



82.8870, 0.3372, 0.3396



24.2773, 0.3496, 0.2422



17.2235, 0.3416, 0.3413



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.



28.7963, 0.4252, 0.3665



44.3626, 0.4619, 0.3731



44.0437, 0.3946, 0.4236



11.1381, 0.3282, 0.3359



9.9312, 0.5958, 0.3651



0.5983, 0.5538, 0.3985

Inverse Universe

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



35.2275, 0.2418, 0.2863



57.1361, 0.2287, 0.2750



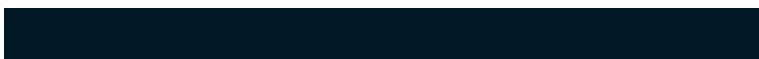
20.9172, 0.2278, 0.2109



11.5189, 0.2984, 0.3220



14.9317, 0.1975, 0.2309



0.8283, 0.2038, 0.2538

Previews

White Background



This preview shows how the Yxy color 28.7949, 0.4252, 0.3665 looks on a white background.

Color Contrast Check

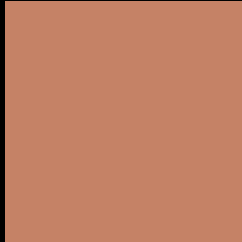
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7949, 0.4252, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

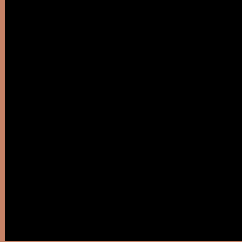
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7949, 0.4252, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 28.7949, 0.4252, 0.3665.



This preview shows how white text looks on a background with the Yxy color 28.7949, 0.4252, 0.3665.

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

28.7949, 0.4252, 0.3665

Protanopia

28.8300, 0.3622, 0.3876

Deuteranopia

28.7902, 0.3956, 0.3879



Tritanopia

28.9503, 0.3908, 0.3173

Trichromacy



Original Color

28.7949, 0.4252, 0.3665

Protanomaly

28.5674, 0.3856, 0.3800

Deuteranomaly

28.6152, 0.4063, 0.3789

Tritanomaly

28.7509, 0.4040, 0.3346

Monochromacy



Original Color

28.7949, 0.4252, 0.3665

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.6878, 0.3498, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7949, 0.4252, 0.3665 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(197, 130, 102)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 102)  
}
```

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(197, 130, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 102) }
```

Border

The CSS property to change the border of an element to Yxy 28.7949, 0.4252, 0.3665 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(197, 130, 102) }
```

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

```
.border{ border-color:rgb(197, 130, 102) }
```

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

Here you see how a box with a 4 pixel rgb(197, 130, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 130, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 130, 102);  
box-shadow:4px 4px 4px 4px rgb(197, 130,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7949, 0.4252, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 102) }
```

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

```
.background{ background-color: rgb(197,  
130, 102) }
```

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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