

Converting Colors

$Y_{xy}(28.1233, 0.4378, 0.3598)$

Have a look what the booklet for
Yxy(28.1233, 0.4378, 0.3598)
contains.

Yxy(28.0514, 0.4374, 0.3589)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.0514, 0.4374, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	CB7C65
RGB	203, 124, 101
RGB Percent	80%, 49%, 40%
CMY	0.2039, 0.5137, 0.6040
CMYK	0.00, 0.39, 0.50, 0.20
HSL	14°, 50%, 60%
HSV	14°, 50%, 80%
XYZ	34.1869, 28.0514, 15.9211
YIQ	144.9990, 54.4670, 9.5950

Conversions

Conversions Part 2

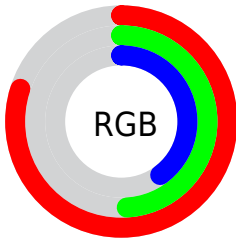
Format	Color
R_{YB}	203, 131, 101
Decimal	13335653
CIE _{Lab}	59.94, 28.28, 25.56
CIE _{LCh}	60, 38.116, 42.105
Yxy	28.0514, 0.4374, 0.3589
Android (android.graphics.Color)	4291525733 (0xFFCB7C65)
YUV	144.9990, -21.6915, 50.8669
Hunter-Lab	52.9636, 22.5319, 19.2517

Details

The Yxy color **28.0514, 0.4374, 0.3589** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.7199, 0.2411, 0.2950**, and the grayscale version is **28.3885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.9713, 0.4051, 0.3555**, and **11.1836, 0.4796, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **24.0714, 0.4752, 0.3632**, and if you desaturate by 10%, it is **32.7607, 0.4037, 0.3533**.

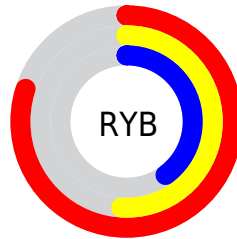
Distribution



Red (80%)

Green (49%)

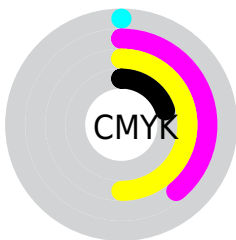
Blue (40%)



Red (80%)

Yellow (51%)

Blue (40%)

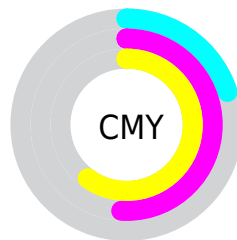


Cyan (0%)

Magenta (39%)

Yellow (50%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0514, 0.4374, 0.3589 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 28.0514, 0.4374, 0.3589 by changing the saturation by 10% instead.


 28.0514, 0.4374,
0.3589


 28.0514, 0.4374,
0.3589


292.7124, 0.3694,
0.3460


 18.3644, 0.4560,
0.3609


 56.5665, 0.4114,
0.3550

 11.2119, 0.4807,
0.3626


 76.1634, 0.4021,
0.3532

 6.2096, 0.5146,
0.3627

 99.8324, 0.3943,
0.3517

 2.9729, 0.5656,
0.3598

 127.9578, 0.3877,
0.3503

 1.1176, 0.6515,
0.3485

160.9242, 0.3822,
0.3491

 0.0000, 1.0000,
0.0000

199.1158, 0.3773,

 0.0000, 0.0000,

0.3479

0.0000

242.9171, 0.3731,
0.3469

■ 28.0514, 0.4374,
0.3589

■ 28.0514, 0.4374,
0.3589

■ 24.0714, 0.4752,
0.3632

■ 32.7607, 0.4037,
0.3533

■ 20.7795, 0.5155,
0.3652

■ 38.2296, 0.3748,
0.3471

■ 18.1365, 0.5548,
0.3638

■ 44.4914, 0.3504,
0.3408

■ 16.0973, 0.5887,
0.3586

■ 51.5765, 0.3300,
0.3348

■ 14.6358, 0.6137,
0.3509

■ 59.5135, 0.3131,
0.3291

■ 68.3296, 0.2990,
0.3239

■ 78.0509, 0.2873,
0.3192

■ 88.1496, 0.2818,
0.3235

■ 91.4380, 0.2822,
0.3289

Harmonies

Analogous

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



28.0514, 0.4086, 0.3111



28.0514, 0.4374, 0.3589



28.0514, 0.4280, 0.4052

Triad

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



28.0514, 0.4374, 0.3589



28.0514, 0.2683, 0.4016



28.0514, 0.2360, 0.2309

Complementary

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



28.0514, 0.4374, 0.3589



39.7199, 0.2411, 0.2950

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.



28.0514, 0.2068, 0.2427



28.0514, 0.4374, 0.3589



28.0514, 0.2233, 0.3376

Square

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



28.0514, 0.4374, 0.3589



28.0514, 0.3282, 0.4406



28.0514, 0.2022, 0.2790



28.0514, 0.2871, 0.2410

Rectangle

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



28.0514, 0.4374, 0.3589



28.0514, 0.4033, 0.4298



28.0514, 0.2022, 0.2790



28.0514, 0.2236, 0.2323

Sweetspot

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



28.0528, 0.4374, 0.3589



80.3117, 0.3396, 0.3377



25.3353, 0.3434, 0.2313



16.6542, 0.3440, 0.3390



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.



28.0528, 0.4374, 0.3589



39.9721, 0.4774, 0.3634



43.9497, 0.4026, 0.4199



11.6173, 0.3284, 0.3343



9.4274, 0.6115, 0.3527



0.6041, 0.5727, 0.3835

Inverse Universe

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



39.7199, 0.2411, 0.2950



61.4879, 0.2295, 0.2865



23.0154, 0.2258, 0.2155



12.2811, 0.2983, 0.3236



18.2771, 0.2042, 0.2552



1.0511, 0.2087, 0.2713

Previews

White Background



This preview shows how the Yxy color 28.0514, 0.4374, 0.3589 looks on a white background.

Color Contrast Check

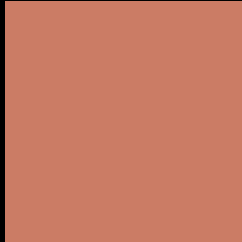
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0514, 0.4374, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

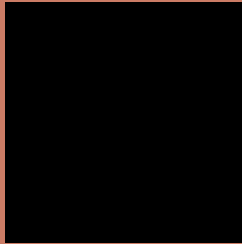
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0514, 0.4374, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 28.0514, 0.4374, 0.3589.



This preview shows how white text looks on a background with the Yxy color 28.0514, 0.4374, 0.3589.

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

28.0514, 0.4374, 0.3589

Protanopia

28.3451, 0.3593, 0.3850

Deuteranopia

28.2313, 0.3960, 0.3900



Tritanopia

27.9971, 0.4068, 0.3177

Trichromacy



Original Color

28.0514, 0.4374, 0.3589

Protanomaly

27.7235, 0.3862, 0.3742

Deuteranomaly

28.1414, 0.4110, 0.3787

Tritanomaly

27.8440, 0.4180, 0.3319

Monochromacy



Original Color

28.0514, 0.4374, 0.3589

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.5833, 0.3544, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0514, 0.4374, 0.3589 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(203, 124, 101)` looks like.

```
.text, #text, p{  
    color:rgb(203, 124, 101)  
}
```

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(203, 124, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 124, 101) }
```

Border

The CSS property to change the border of an element to Yxy 28.0514, 0.4374, 0.3589 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(203, 124, 101) }
```

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

```
.border{ border-color:rgb(203, 124, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 124, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 124, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 124, 101);  
box-shadow:4px 4px 4px 4px rgb(203, 124,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0514, 0.4374, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 124, 101) }
```

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

```
.background{ background-color: rgb(203,  
124, 101) }
```

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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