

Converting Colors

$Y_{xy}(28.1295, 0.4301, 0.3518)$

Have a look what the booklet for
Yxy(28.1295, 0.4301, 0.3518)
contains.

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Color

Yxy(28.1734, 0.4301, 0.3513)

Conversions

Conversions Part 1

Format	Color
Hex	CB7C6B
RGB	203, 124, 107
RGB Percent	80%, 49%, 42%
CMY	0.2039, 0.5137, 0.5804
CMYK	0.00, 0.39, 0.47, 0.20
HSL	11°, 48%, 61%
HSV	11°, 47%, 80%
XYZ	34.4930, 28.1734, 17.5312
YIQ	145.6830, 52.5410, 11.4610

Conversions

Conversions Part 2

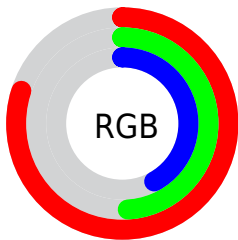
Format	Color
R_{YB}	203, 128, 107
Decimal	13335659
CIE _{Lab}	60.05, 28.86, 22.31
CIE _{LCh}	60, 36.479, 37.700
Yxy	28.1734, 0.4301, 0.3513
Android (android.graphics.Color)	4291525739 (0xFFCB7C6B)
YUV	145.6830, -19.0707, 50.2670
Hunter-Lab	53.0786, 23.1101, 17.5723

Details

The Yxy color **28.1734, 0.4301, 0.3513** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **42.5649, 0.2460, 0.3043**, and the grayscale version is **28.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.1729, 0.3996, 0.3492**, and **11.3243, 0.4725, 0.3545** is the 20% darker color. If you saturate the color by 10%, you get **23.9576, 0.4686, 0.3549**, and if you desaturate by 10%, it is **33.2019, 0.3965, 0.3467**.

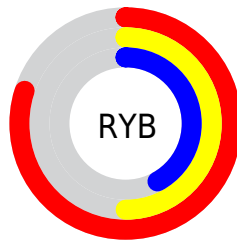
Distribution



Red (80%)

Green (49%)

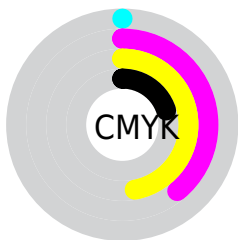
Blue (42%)



Red (80%)

Yellow (50%)

Blue (42%)

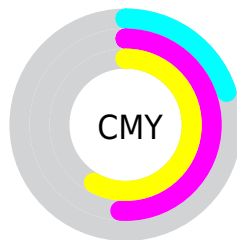


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.1734, 0.4301, 0.3513 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 28.1734, 0.4301, 0.3513 by changing the saturation by 10% instead.


 28.1734, 0.4301,
0.3513


 28.1734, 0.4301,
0.3513


293.2946, 0.3660,
0.3420


 18.4564, 0.4478,
0.3526


 56.7612, 0.4055,
0.3486


 11.2782, 0.4714,
0.3535


 76.4007, 0.3967,
0.3473

 6.2543, 0.5042,
0.3530


 100.1166, 0.3894,
0.3462

 3.0003, 0.5521,
0.3484

 128.2932, 0.3832,
0.3452

 1.1319, 0.6538,
0.3462

161.3149, 0.3780,
0.3443

 0.0050, 0.9930,
0.0070

199.5661, 0.3734,

 0.0000, 0.0000,

0.3435

0.0000

243.4312, 0.3695,
0.3427

■ 28.1734, 0.4301,
0.3513

■ 28.1734, 0.4301,
0.3513

■ 23.9576, 0.4686,
0.3549

■ 33.2019, 0.3965,
0.3467

■ 20.5073, 0.5104,
0.3568

■ 39.0785, 0.3680,
0.3418

■ 17.7771, 0.5523,
0.3561


■ 45.8416, 0.3443,
0.3369


■ 15.7147, 0.5892,
0.3522


■ 53.5260, 0.3248,
0.3322


■ 14.2590, 0.6164,
0.3455

■ 62.1648, 0.3087,
0.3279

 13.9559, 0.6225,
0.3439

 71.7891, 0.2954,
0.3239

 82.4290, 0.2844,
0.3203

 91.4383, 0.2822,
0.3289

Harmonies

Analogous

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



28.1734, 0.3975, 0.3056



28.1734, 0.4301, 0.3513



28.1734, 0.4267, 0.3965

Triad

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



28.1734, 0.4301, 0.3513



28.1734, 0.2783, 0.4057



28.1734, 0.2336, 0.2351

Complementary

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



28.1734, 0.4301, 0.3513



42.5649, 0.2460, 0.3043

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.



28.1734, 0.2088, 0.2500



28.1734, 0.4301, 0.3513



28.1734, 0.2321, 0.3467

Square

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



28.1734, 0.4301, 0.3513



28.1734, 0.3366, 0.4375



28.1734, 0.2080, 0.2886



28.1734, 0.2800, 0.2418

Rectangle

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



28.1734, 0.4301, 0.3513



28.1734, 0.4059, 0.4214



28.1734, 0.2080, 0.2886



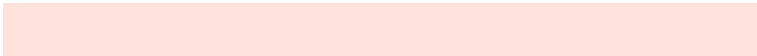
28.1734, 0.2227, 0.2375

Sweetspot

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



28.1748, 0.4301, 0.3513



80.5758, 0.3378, 0.3354



26.8032, 0.3356, 0.2314



16.6664, 0.3424, 0.3364



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.



28.1748, 0.4301, 0.3513



39.8112, 0.4705, 0.3551



42.8898, 0.3996, 0.4095



11.5294, 0.3286, 0.3332



8.9753, 0.6205, 0.3455



0.5638, 0.5848, 0.3738

Inverse Universe

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



42.5649, 0.2460, 0.3043



66.7030, 0.2346, 0.2978



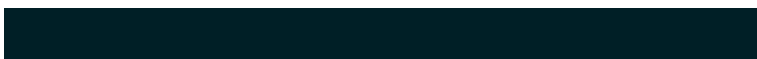
25.9061, 0.2326, 0.2311



12.3761, 0.2983, 0.3248



20.4690, 0.2089, 0.2719



1.1468, 0.2123, 0.2842

Previews

White Background



This preview shows how the Yxy color 28.1734, 0.4301, 0.3513 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 28.1734, 0.4301, 0.3513 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 28.1734, 0.4301, 0.3513

Background



This preview shows how black text looks on a background with the Yxy color 28.1734, 0.4301, 0.3513.



This preview shows how white text looks on a background with the Yxy color 28.1734, 0.4301, 0.3513.

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

28.1734, 0.4301, 0.3513

Protanopia

28.3818, 0.3520, 0.3755

Deuteranopia

28.2354, 0.3884, 0.3815



Tritanopia

28.2656, 0.4051, 0.3176

Trichromacy



Original Color

28.1734, 0.4301, 0.3513

Protanomaly

27.8542, 0.3794, 0.3652

Deuteranomaly

28.1374, 0.4031, 0.3706

Tritanomaly

28.1616, 0.4136, 0.3293

Monochromacy



Original Color

28.1734, 0.4301, 0.3513

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0584, 0.3519, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1734, 0.4301, 0.3513 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(203, 124, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 124, 107) }
```

Border

The CSS property to change the border of an element to Yxy 28.1734, 0.4301, 0.3513 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, 107) }
```

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

```
.border{ border-color:rgb(203, 124, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(203, 124,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1734, 0.4301, 0.3513 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, 107) }
```

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

```
.background{ background-color: rgb(203,  
124, 107) }
```

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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