

Converting Colors

$Y_{xy}(29.2798, 0.4361, 0.3598)$

Have a look what the booklet for
Yxy(29.2798, 0.4361, 0.3598)
contains.

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Color

Yxy(29.2798, 0.4361, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	CE7F67
RGB	206, 127, 103
RGB Percent	81%, 50%, 40%
CMY	0.1922, 0.5019, 0.5961
CMYK	0.00, 0.38, 0.50, 0.19
HSL	14°, 51%, 61%
HSV	14°, 50%, 81%
XYZ	35.4889, 29.2798, 16.6092
YIQ	147.8850, 54.7880, 9.2840

Conversions

Conversions Part 2

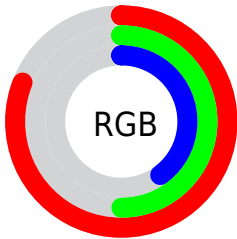
Format	Color
R_{YB}	206, 134, 103
Decimal	13533031
CIE _{Lab}	61.03, 28.03, 25.94
CIE _{LCh}	61, 38.192, 42.789
Yxy	29.2798, 0.4361, 0.3598
Android (android.graphics.Color)	4291723111 (0xFFCE7F67)
YUV	147.8850, -22.1283, 50.9669
Hunter-Lab	54.1108, 22.3765, 19.6786

Details

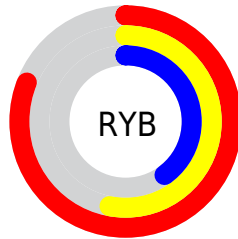
The Yxy color **29.2798, 0.4361, 0.3598** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7812, 0.2411, 0.2940**, and the grayscale version is **29.6413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2356, 0.4020, 0.3566**, and **11.8892, 0.4767, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **25.1519, 0.4736, 0.3643**, and if you desaturate by 10%, it is **34.1521, 0.4027, 0.3540**.

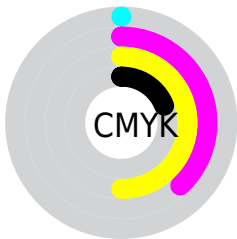
Distribution



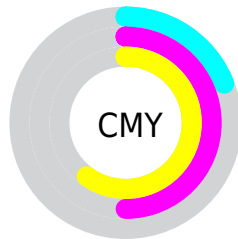
- Red (81%)
- Green (50%)
- Blue (40%)



- Red (81%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (50%)
- Black (19%)



- Cyan (19%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2798, 0.4361, 0.3598 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 29.2798, 0.4361, 0.3598 by changing the saturation by 10% instead.


 29.2798, 0.4361,
0.3598

 29.2798, 0.4361,
0.3598


298.5328, 0.3693,
0.3465

 19.2926, 0.4542,
0.3620


 58.5213, 0.4107,
0.3557


 11.8819, 0.4781,
0.3638


 78.5445, 0.4015,
0.3539

 6.6633, 0.5108,
0.3644


 102.6817, 0.3938,
0.3523

 3.2524, 0.5583,
0.3615

 131.3174, 0.3874,
0.3509

 1.2649, 0.6447,
0.3553

164.8359, 0.3819,
0.3496

 0.1138, 0.8744,
0.1256

203.6218, 0.3771,

 0.0000, 0.0000,

0.3485

0.0000

248.0593, 0.3730,
0.3474

■ 29.2798, 0.4361,
0.3598

■ 29.2798, 0.4361,
0.3598

■ 25.1519, 0.4736,
0.3643

■ 34.1521, 0.4027,
0.3540

■ 21.7267, 0.5135,
0.3665

■ 39.7990, 0.3740,
0.3476

■ 18.9649, 0.5527,
0.3652

■ 46.2545, 0.3498,
0.3411

■ 16.8212, 0.5866,
0.3600

■ 53.5489, 0.3296,
0.3348

■ 15.2382, 0.6124,
0.3520

■ 61.7113, 0.3127,
0.3290

■ 70.7691, 0.2987,
0.3236

■ 80.7487, 0.2870,
0.3187

■ 90.8244, 0.2837,
0.3272

■ 91.8606, 0.2838,
0.3289

Harmonies

Analogous

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



29.2798, 0.4084, 0.3124



29.2798, 0.4361, 0.3598



29.2798, 0.4261, 0.4055

Triad

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



29.2798, 0.4361, 0.3598



29.2798, 0.2677, 0.3993



29.2798, 0.2378, 0.2320

Complementary

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



29.2798, 0.4361, 0.3598



40.7812, 0.2411, 0.2940

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.



29.2798, 0.2083, 0.2432



29.2798, 0.4361, 0.3598



29.2798, 0.2235, 0.3361

Square

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



29.2798, 0.4361, 0.3598



29.2798, 0.3267, 0.4387



29.2798, 0.2033, 0.2786



29.2798, 0.2888, 0.2424

Rectangle

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



29.2798, 0.4361, 0.3598



29.2798, 0.4013, 0.4294



29.2798, 0.2033, 0.2786



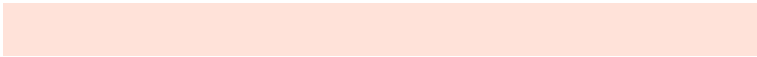
29.2798, 0.2254, 0.2332

Sweetspot

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



29.2813, 0.4361, 0.3598



80.4708, 0.3396, 0.3380



26.2655, 0.3433, 0.2317



16.6921, 0.3440, 0.3394



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.



29.2813, 0.4361, 0.3598



40.3060, 0.4765, 0.3646



45.4678, 0.4022, 0.4196



11.6313, 0.3284, 0.3345



9.5087, 0.6099, 0.3539



0.6105, 0.5709, 0.3849

Inverse Universe

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



40.7812, 0.2411, 0.2940



60.8723, 0.2291, 0.2850



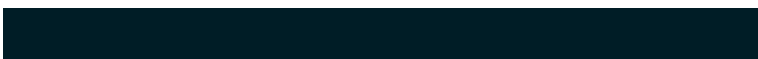
23.8877, 0.2261, 0.2160



12.2661, 0.2983, 0.3235



17.9463, 0.2035, 0.2525



1.0365, 0.2081, 0.2692

Previews

White Background



This preview shows how the Yxy color 29.2798, 0.4361, 0.3598 looks on a white background.

Color Contrast Check

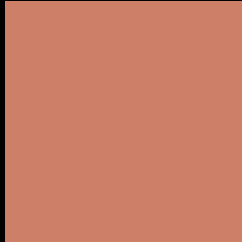
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2798, 0.4361, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

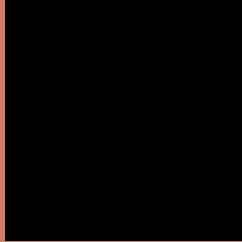
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2798, 0.4361, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 29.2798, 0.4361, 0.3598.



This preview shows how white text looks on a background with the Yxy color 29.2798, 0.4361, 0.3598.

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

29.2798, 0.4361, 0.3598

Protanopia

29.6188, 0.3595, 0.3855

Deuteranopia

29.3170, 0.3972, 0.3888



Tritanopia

29.2418, 0.4049, 0.3178

Trichromacy



Original Color

29.2798, 0.4361, 0.3598

Protanomaly

28.9743, 0.3858, 0.3749

Deuteranomaly

29.2393, 0.4120, 0.3777

Tritanomaly

29.0612, 0.4172, 0.3331

Monochromacy



Original Color

29.2798, 0.4361, 0.3598

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

28.8571, 0.3535, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2798, 0.4361, 0.3598 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(206, 127, 103)` looks like.

```
.text, #text, p{  
    color:rgb(206, 127, 103)  
}
```

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(206, 127, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 127, 103) }
```

Border

The CSS property to change the border of an element to Yxy 29.2798, 0.4361, 0.3598 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(206, 127, 103) }
```

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

```
.border{ border-color:rgb(206, 127, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 127, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 127, 103); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 127, 103); box-shadow:4px 4px 4px 4px rgb(206, 127, 103) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2798, 0.4361, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 127, 103) }
```

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

```
.background{ background-color: rgb(206,  
127, 103) }
```

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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