

Converting Colors

$Y_{xy}(27.8813, 0.4546, 0.3670)$

Have a look what the booklet for
Yxy(27.8813, 0.4546, 0.3670)
contains.

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Color

Yxy(27.9398, 0.4551, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	CF7A5B
RGB	207, 122, 91
RGB Percent	81%, 48%, 36%
CMY	0.1882, 0.5216, 0.6432
CMYK	0.00, 0.41, 0.56, 0.19
HSL	16°, 55%, 58%
HSV	16°, 56%, 81%
XYZ	34.5809, 27.9398, 13.4646
YIQ	143.8810, 60.6110, 8.3790

Conversions

Conversions Part 2

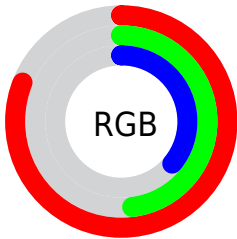
Format	Color
R_{YB}	207, 133, 91
Decimal	13597275
CIE _{Lab}	59.83, 30.07, 31.11
CIE _{LCh}	60, 43.268, 45.967
Yxy	27.9398, 0.4551, 0.3677
Android (android.graphics.Color)	4291787355 (0xFFCF7A5B)
YUV	143.8810, -26.0703, 55.3554
Hunter-Lab	52.8581, 24.2769, 21.8977

Details

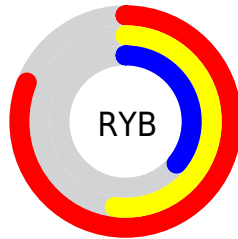
The Yxy color **27.9398, 0.4551, 0.3677** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **37.7757, 0.2328, 0.2828**, and the grayscale version is **27.9285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8729, 0.4150, 0.3638**, and **11.2061, 0.5035, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **24.1934, 0.4929, 0.3716**, and if you desaturate by 10%, it is **32.3688, 0.4203, 0.3617**.

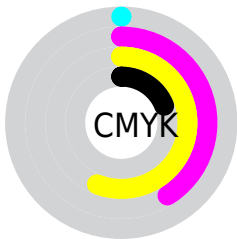
Distribution



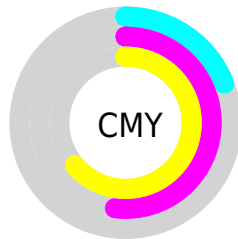
- Red (81%)
- Green (48%)
- Blue (36%)



- Red (81%)
- Yellow (52%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (56%)
- Black (19%)





- Cyan (19%)
- Magenta (52%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9398, 0.4551, 0.3677 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 27.9398, 0.4551, 0.3677 by changing the saturation by 10% instead.


 27.9398, 0.4551,
0.3677


 27.9398, 0.4551,
0.3677


292.1791, 0.3779,
0.3513


 18.2803, 0.4758,
0.3700


 56.3883, 0.4258,
0.3629

 11.1514, 0.5029,
0.3716


 75.9461, 0.4152,
0.3607

 6.1688, 0.5392,
0.3708

 99.5721, 0.4063,
0.3587

 2.9480, 0.6016,
0.3712

 127.6507, 0.3988,
0.3569

 1.1046, 0.6607,
0.3393

160.5663, 0.3924,
0.3553

 0.0000, 1.0000,
0.0000

198.7033, 0.3869,

 0.0000, 0.0000,

0.3538

0.0000

242.4462, 0.3821,
0.3525

■ 27.9398, 0.4551,
0.3677

■ 27.9398, 0.4551,
0.3677

■ 24.1934, 0.4929,
0.3716

■ 32.3688, 0.4203,
0.3617

■ 21.0902, 0.5314,
0.3723

■ 37.5087, 0.3897,
0.3547

■ 18.5929, 0.5669,
0.3689

■ 43.3912, 0.3634,
0.3473

■ 16.6578, 0.5954,
0.3611

■ 50.0449, 0.3411,
0.3399

■ 16.0311, 0.6051,
0.3577

■ 57.4967, 0.3225,
0.3330

■ 65.7724, 0.3069,
0.3265

■ 74.8962, 0.2938,
0.3205

■ 84.7889, 0.2837,
0.3167

■ 92.0063, 0.2844,
0.3289

Harmonies

Analogous

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



27.9398, 0.4282, 0.3145



27.9398, 0.4551, 0.3677



27.9398, 0.4380, 0.4192

Triad

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



27.9398, 0.4551, 0.3677



27.9398, 0.2541, 0.4038



27.9398, 0.2325, 0.2197

Complementary

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



27.9398, 0.4551, 0.3677



37.7757, 0.2328, 0.2828

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.



27.9398, 0.1971, 0.2287



27.9398, 0.4551, 0.3677



27.9398, 0.2074, 0.3283

Square

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



27.9398, 0.4551, 0.3677



27.9398, 0.3199, 0.4543



27.9398, 0.1884, 0.2648



27.9398, 0.2921, 0.2339

Rectangle

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



27.9398, 0.4551, 0.3677



27.9398, 0.4069, 0.4463



27.9398, 0.1884, 0.2648



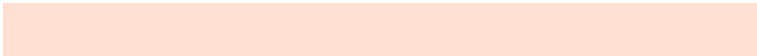
27.9398, 0.2178, 0.2199

Sweetspot

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



27.9412, 0.4551, 0.3677



78.8990, 0.3435, 0.3408



23.8835, 0.3556, 0.2276



16.4081, 0.3478, 0.3423



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.



27.9412, 0.4551, 0.3677



37.8210, 0.4997, 0.3720



46.6378, 0.4100, 0.4353



12.3150, 0.3284, 0.3353



10.2340, 0.6027, 0.3596



0.7045, 0.5659, 0.3889

Inverse Universe

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



37.7757, 0.2328, 0.2828



54.8727, 0.2204, 0.2712



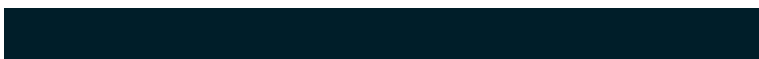
19.6994, 0.2133, 0.1904



12.8501, 0.2983, 0.3226



17.0807, 0.2001, 0.2404



1.0818, 0.2052, 0.2586

Previews

White Background



This preview shows how the Yxy color 27.9398, 0.4551, 0.3677 looks on a white background.

Color Contrast Check

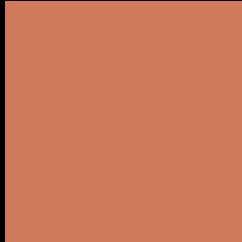
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9398, 0.4551, 0.3677 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 27.9398, 0.4551, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 27.9398, 0.4551, 0.3677.



This preview shows how white text looks on a background with the Yxy color 27.9398, 0.4551, 0.3677.

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

27.9398, 0.4551, 0.3677

Protanopia

28.2388, 0.3707, 0.4005

Deuteranopia

27.9955, 0.4096, 0.4019



Tritanopia

27.7842, 0.4168, 0.3179

Trichromacy



Original Color

27.9398, 0.4551, 0.3677

Protanomaly

27.8683, 0.4007, 0.3880

Deuteranomaly

27.7886, 0.4270, 0.3884

Tritanomaly

27.7958, 0.4314, 0.3369

Monochromacy



Original Color

27.9398, 0.4551, 0.3677

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3045, 0.3604, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9398, 0.4551, 0.3677 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(207, 122, 91)` looks like.

```
.text, #text, p{  
    color:rgb(207, 122, 91)  
}
```

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(207, 122, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 122, 91) }
```

Border

The CSS property to change the border of an element to Yxy 27.9398, 0.4551, 0.3677 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(207, 122, 91) }
```

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

```
.border{ border-color:rgb(207, 122, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 122, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 122, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 122, 91);  
box-shadow:4px 4px 4px 4px rgb(207, 122,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9398, 0.4551, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 122, 91) }
```

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

```
.background{ background-color: rgb(207,  
122, 91) }
```

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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