

Converting Colors

$Y_{xy}(29.1724, 0.4478, 0.3701)$

Have a look what the booklet for
Yxy(29.1724, 0.4478, 0.3701)
contains.

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Color

Yxy(29.2523, 0.4476, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	CF7F5E
RGB	207, 127, 94
RGB Percent	81%, 50%, 37%
CMY	0.1881, 0.5020, 0.6314
CMYK	0.00, 0.39, 0.55, 0.19
HSL	18°, 54%, 59%
HSV	18°, 55%, 81%
XYZ	35.3492, 29.2523, 14.3734
YIQ	147.1580, 58.2730, 6.6970

Conversions

Conversions Part 2

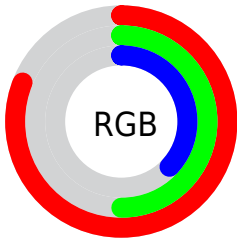
Format	Color
R_{YB}	207, 141, 94
Decimal	13598558
CIE _{Lab}	61.00, 27.66, 30.93
CIE _{LCh}	61, 41.492, 48.197
Yxy	29.2523, 0.4476, 0.3704
Android (android.graphics.Color)	4291788638 (0xFFCF7F5E)
YUV	147.1580, -26.2069, 52.4814
Hunter-Lab	54.0854, 22.0147, 22.1032

Details

The Yxy color **29.2523, 0.4476, 0.3704** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **37.1786, 0.2336, 0.2800**, and the grayscale version is **29.3394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9469, 0.4099, 0.3659**, and **11.9026, 0.4920, 0.3763** is the 20% darker color. If you saturate the color by 10%, you get **25.4154, 0.4840, 0.3752**, and if you desaturate by 10%, it is **33.7430, 0.4142, 0.3636**.

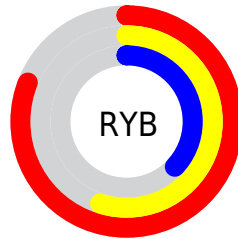
Distribution



Red (81%)

Green (50%)

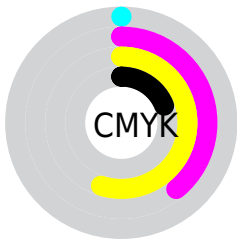
Blue (37%)



Red (81%)

Yellow (55%)

Blue (37%)

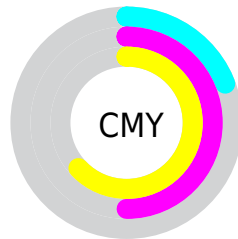


Cyan (0%)

Magenta (39%)

Yellow (55%)

Black (19%)



Cyan (19%)


Magenta (50%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2523, 0.4476, 0.3704 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 29.2523, 0.4476, 0.3704 by changing the saturation by 10% instead.


 29.2523, 0.4476,
0.3704


 29.2523, 0.4476,
0.3704


298.4035, 0.3749,
0.3523

 19.2718, 0.4670,
0.3734


 58.4777, 0.4202,
0.3648

 11.8668, 0.4922,
0.3760


 78.4914, 0.4101,
0.3623

 6.6531, 0.5260,
0.3770


 102.6182, 0.4018,
0.3602

 3.2461, 0.5796,
0.3774

 131.2426, 0.3947,
0.3582

 1.2615, 0.6431,
0.3569

164.7489, 0.3887,
0.3565

 0.1111, 0.8754,
0.1246

203.5216, 0.3835,

 0.0000, 0.0000,

0.3549

0.0000

247.9450, 0.3789,
0.3536

■ 29.2523, 0.4476,
0.3704

■ 29.2523, 0.4476,
0.3704

■ 25.4154, 0.4840,
0.3752

■ 33.7430, 0.4142,
0.3636

■ 22.1960, 0.5215,
0.3769

■ 38.9125, 0.3848,
0.3558

■ 19.5606, 0.5568,
0.3743

■ 44.7900, 0.3595,
0.3477

■ 17.4702, 0.5861,
0.3671

■ 51.4015, 0.3381,
0.3398

■ 16.5455, 0.5994,
0.3622

■ 58.7717, 0.3200,
0.3323

■ 66.9241, 0.3048,
0.3253

■ 75.8811, 0.2921,
0.3189

■ 85.3623, 0.2837,
0.3177

■ 92.0103, 0.2844,
0.3289

Harmonies

Analogous

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



29.2523, 0.4251, 0.3194



29.2523, 0.4476, 0.3704



29.2523, 0.4291, 0.4185

Triad

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



29.2523, 0.4476, 0.3704



29.2523, 0.2534, 0.3944



29.2523, 0.2401, 0.2252

Complementary

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



29.2523, 0.4476, 0.3704



37.1786, 0.2336, 0.2800

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.



29.2523, 0.2043, 0.2323



29.2523, 0.4476, 0.3704



29.2523, 0.2105, 0.3236

Square

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



29.2523, 0.4476, 0.3704



29.2523, 0.3151, 0.4446



29.2523, 0.1940, 0.2650



29.2523, 0.2983, 0.2402

Rectangle

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



29.2523, 0.4476, 0.3704



29.2523, 0.3986, 0.4426



29.2523, 0.1940, 0.2650



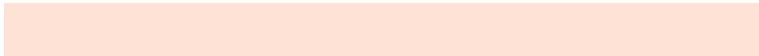
29.2523, 0.2254, 0.2249

Sweetspot

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



29.2538, 0.4476, 0.3704



80.5754, 0.3413, 0.3410



24.3719, 0.3565, 0.2318



16.7615, 0.3456, 0.3427



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.



29.2538, 0.4476, 0.3704



39.4982, 0.4923, 0.3759



47.7579, 0.4061, 0.4349



12.3623, 0.3283, 0.3358



10.5637, 0.5970, 0.3642



0.7280, 0.5602, 0.3934

Inverse Universe

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



37.1786, 0.2336, 0.2800



53.3213, 0.2201, 0.2667



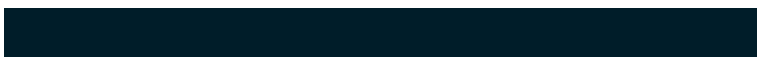
19.9600, 0.2154, 0.1917



12.8000, 0.2983, 0.3221



16.0772, 0.1977, 0.2318



1.0323, 0.2033, 0.2517

Previews

White Background



This preview shows how the Yxy color 29.2523, 0.4476, 0.3704 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 29.2523, 0.4476, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

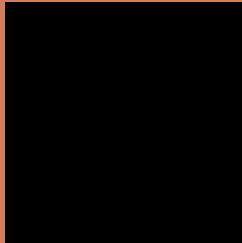
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2523, 0.4476, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 29.2523, 0.4476, 0.3704.



This preview shows how white text looks on a background with the Yxy color 29.2523, 0.4476, 0.3704.

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

29.2523, 0.4476, 0.3704

Protanopia

29.6127, 0.3717, 0.4005

Deuteranopia

29.3888, 0.4089, 0.4005



Tritanopia

29.2594, 0.4089, 0.3179

Trichromacy



Original Color

29.2523, 0.4476, 0.3704

Protanomaly

29.0041, 0.3990, 0.3888

Deuteranomaly

29.1998, 0.4229, 0.3893

Tritanomaly

29.2786, 0.4231, 0.3369

Monochromacy



Original Color

29.2523, 0.4476, 0.3704

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.7497, 0.3579, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2523, 0.4476, 0.3704 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, 127, 94)` looks like.

```
.text, #text, p{  
    color:rgb(207, 127, 94)  
}
```

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, 127, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 127, 94) }
```

Border

The CSS property to change the border of an element to Yxy 29.2523, 0.4476, 0.3704 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, 127, 94) }
```

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

```
.border{ border-color:rgb(207, 127, 94) }
```

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

Here you see how a box with a 4 pixel rgb(207, 127, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 127, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 127, 94);  
box-shadow:4px 4px 4px 4px rgb(207, 127,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2523, 0.4476, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 127, 94) }
```

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

```
.background{ background-color: rgb(207,  
127, 94) }
```

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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