

Converting Colors

$Y_{xy}(25.2891, 0.4527, 0.3648)$

Have a look what the booklet for
Yxy(25.2891, 0.4527, 0.3648)
contains.

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Color

Yxy(25.2178, 0.4527, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	C67459
RGB	198, 116, 89
RGB Percent	78%, 45%, 35%
CMY	0.2235, 0.5451, 0.6510
CMYK	0.00, 0.41, 0.55, 0.22
HSL	15°, 49%, 56%
HSV	15°, 55%, 78%
XYZ	31.3371, 25.2178, 12.6677
YIQ	137.4400, 57.5390, 8.9870

Conversions

Conversions Part 2

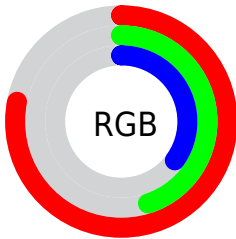
Format	Color
RYB	198, 125, 89
Decimal	13005913
CIELab	57.29, 29.52, 28.72
CIElCh	57, 41.190, 44.210
Yxy	25.2178, 0.4527, 0.3643
Android (android.graphics.Color)	4291195993 (0xFFC67459)
YUV	137.4400, -23.8809, 53.1111
Hunter-Lab	50.2173, 23.5089, 20.1957

Details

The Yxy color **25.2178, 0.4527, 0.3643** 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 **35.3255, 0.2349, 0.2874**, and the grayscale version is **25.2685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5000, 0.4208, 0.3607**, and **9.6463, 0.5019, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **21.7668, 0.4910, 0.3681**, and if you desaturate by 10%, it is **29.3114, 0.4178, 0.3587**.

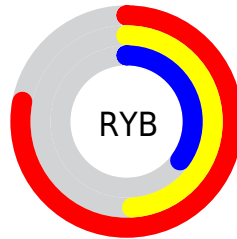
Distribution



Red (78%)

Green (45%)

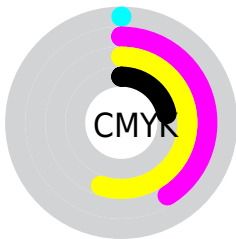
Blue (35%)



Red (78%)

Yellow (49%)

Blue (35%)

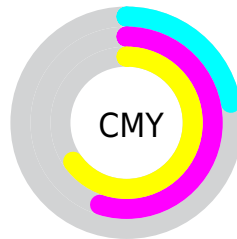


Cyan (0%)

Magenta (41%)

Yellow (55%)

Black (22%)



Cyan (22%)


Magenta (55%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2178, 0.4527, 0.3643 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 25.2178, 0.4527, 0.3643 by changing the saturation by 10% instead.


 25.2178, 0.4527,
0.3643


 25.2178, 0.4527,
0.3643


278.9209, 0.3755,
0.3492


 16.2394, 0.4740,
0.3664


 52.0103, 0.4230,
0.3598

 9.6937, 0.5023,
0.3677


 70.5933, 0.4123,
0.3578


 5.1964, 0.5409,
0.3663

 93.1465, 0.4035,
0.3560

 2.3629, 0.6175,
0.3706

 120.0544, 0.3961,
0.3543

 0.8067, 0.6738,
0.3262

 151.7014, 0.3898,
0.3528

 0.0000, 1.0000,
0.0000

188.4719, 0.3843,

 0.0000, 0.0000,

0.3515

0.0000

230.7502, 0.3796,
0.3503

■ 25.2178, 0.4527,
0.3643

■ 25.2178, 0.4527,
0.3643

■ 21.7668, 0.4910,
0.3681

■ 29.3114, 0.4178,
0.3587

■ 18.9210, 0.5303,
0.3689

■ 34.0748, 0.3872,
0.3521

■ 16.6448, 0.5669,
0.3659

■ 39.5380, 0.3611,
0.3452

■ 14.8970, 0.5967,
0.3587

■ 45.7283, 0.3391,
0.3385

■ 14.2065, 0.6089,
0.3547

■ 52.6714, 0.3208,
0.3321

■ 60.3917, 0.3055,
0.3261

■ 68.9125, 0.2927,
0.3207

■ 78.2560, 0.2820,
0.3157

■ 87.6327, 0.2790,
0.3237

Harmonies

Analogous

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



25.2178, 0.4237, 0.3119



25.2178, 0.4527, 0.3643



25.2178, 0.4384, 0.4154

Triad

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



25.2178, 0.4527, 0.3643



25.2178, 0.2584, 0.4065



25.2178, 0.2308, 0.2209

Complementary

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



25.2178, 0.4527, 0.3643



35.3255, 0.2349, 0.2874

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.



25.2178, 0.1974, 0.2314



25.2178, 0.4527, 0.3643



25.2178, 0.2109, 0.3327

Square

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



25.2178, 0.4527, 0.3643



25.2178, 0.3240, 0.4537



25.2178, 0.1903, 0.2687



25.2178, 0.2884, 0.2337

Rectangle

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



25.2178, 0.4527, 0.3643



25.2178, 0.4089, 0.4428



25.2178, 0.1903, 0.2687



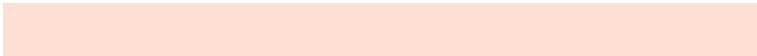
25.2178, 0.2168, 0.2217

Sweetspot

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



25.2191, 0.4527, 0.3643



78.4455, 0.3437, 0.3399



22.1513, 0.3496, 0.2254



16.3020, 0.3480, 0.3413



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.



25.2191, 0.4527, 0.3643



37.4847, 0.4986, 0.3685



41.0779, 0.4105, 0.4294



11.0567, 0.3283, 0.3348



9.3545, 0.6067, 0.3565



0.5617, 0.5645, 0.3900

Inverse Universe

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



35.3255, 0.2349, 0.2874



56.9742, 0.2225, 0.2766



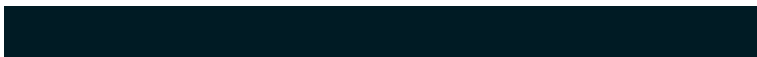
19.1744, 0.2167, 0.1997



11.6052, 0.2984, 0.3231



16.7602, 0.2021, 0.2476



0.9028, 0.2074, 0.2665

Previews

White Background



This preview shows how the Yxy color 25.2178, 0.4527, 0.3643 looks on a white background.

Color Contrast Check

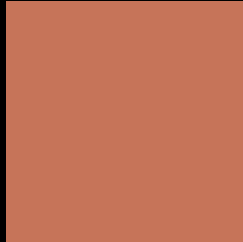
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2178, 0.4527, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

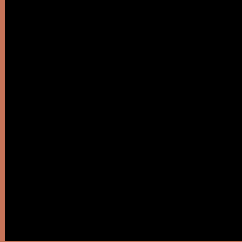
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2178, 0.4527, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 25.2178, 0.4527, 0.3643.



This preview shows how white text looks on a background with the Yxy color 25.2178, 0.4527, 0.3643.

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

25.2178, 0.4527, 0.3643

Protanopia

25.4484, 0.3681, 0.3954

Deuteranopia

25.3899, 0.4067, 0.3992



Tritanopia

25.2238, 0.4171, 0.3188

Trichromacy



Original Color

25.2178, 0.4527, 0.3643

Protanomaly

25.0070, 0.3981, 0.3831

Deuteranomaly

25.0748, 0.4236, 0.3856

Tritanomaly

25.0565, 0.4303, 0.3346

Monochromacy



Original Color

25.2178, 0.4527, 0.3643

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4275, 0.3592, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2178, 0.4527, 0.3643 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(198, 116, 89)` looks like.

```
.text, #text, p{  
    color:rgb(198, 116, 89)  
}
```

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(198, 116, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 116, 89) }
```

Border

The CSS property to change the border of an element to Yxy 25.2178, 0.4527, 0.3643 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(198, 116, 89) }
```

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

```
.border{ border-color:rgb(198, 116, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 116, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 116, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 116, 89);  
box-shadow:4px 4px 4px 4px rgb(198, 116,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2178, 0.4527, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 116, 89) }
```

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

```
.background{ background-color: rgb(198,  
116, 89) }
```

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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