

Converting Colors

$Y_{xy}(25.2053, 0.4732, 0.3648)$

Have a look what the booklet for
Yxy(25.2053, 0.4732, 0.3648)
contains.

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Color

Yxy(25.3193, 0.4733, 0.3657)

Conversions

Conversions Part 1

Format	Color
Hex	CE7052
RGB	206, 112, 82
RGB Percent	81%, 44%, 32%
CMY	0.1922, 0.5607, 0.6783
CMYK	0.00, 0.46, 0.60, 0.19
HSL	15°, 56%, 56%
HSV	15°, 60%, 81%
XYZ	32.7690, 25.3193, 11.1469
YIQ	136.6860, 65.6540, 10.5980

Conversions

Conversions Part 2

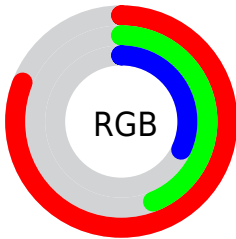
Format	Color
R_{YB}	206, 122, 82
Decimal	13529170
CIE _{Lab}	57.39, 34.28, 32.97
CIE _{LCh}	57, 47.562, 43.877
Yxy	25.3193, 0.4733, 0.3657
Android (android.graphics.Color)	4291719250 (0xFFCE7052)
YUV	136.6860, -26.9602, 60.7884
Hunter-Lab	50.3183, 28.1884, 22.0885

Details

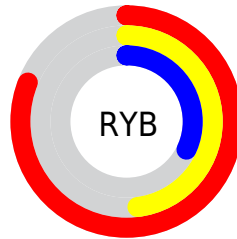
The Yxy color **25.3193, 0.4733, 0.3657** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **37.3005, 0.2293, 0.2838**, and the grayscale version is **24.9785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8362, 0.4295, 0.3637**, and **9.7757, 0.5278, 0.3666** is the 20% darker color. If you saturate the color by 10%, you get **21.8999, 0.5129, 0.3680**, and if you desaturate by 10%, it is **29.4331, 0.4361, 0.3610**.

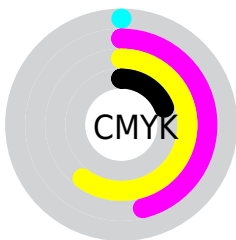
Distribution



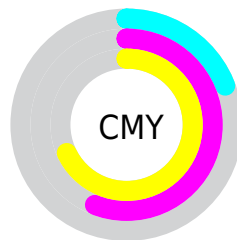
- Red (81%)
- Green (44%)
- Blue (32%)



- Red (81%)
- Yellow (48%)
- Blue (32%)



- Cyan (0%)
- Magenta (46%)
- Yellow (60%)
- Black (19%)





- Cyan (19%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3193, 0.4733, 0.3657 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 25.3193, 0.4733, 0.3657 by changing the saturation by 10% instead.


 25.3193, 0.4733,
0.3657

 25.3193, 0.4733,
0.3657


279.4244, 0.3852,
0.3514


 16.3151, 0.4971,
0.3669


 52.1747, 0.4397,
0.3620


 9.7474, 0.5282,
0.3663


 70.7948, 0.4275,
0.3601


 5.2318, 0.5695,
0.3616

 93.3889, 0.4174,
0.3584

 2.3839, 0.6434,
0.3566

 120.3415, 0.4089,
0.3567

 0.8176, 0.6963,
0.3037

 152.0369, 0.4017,
0.3552

 0.0000, 1.0000,
0.0000

188.8596, 0.3954,

 0.0000, 0.0000,

0.3538

0.0000

231.1940, 0.3900,
0.3526

■ 25.3193, 0.4733,
0.3657

■ 25.3193, 0.4733,
0.3657

■ 21.8999, 0.5129,
0.3680

■ 29.4331, 0.4361,
0.3610

■ 19.1313, 0.5516,
0.3668

■ 34.2737, 0.4029,
0.3550

■ 16.9710, 0.5853,
0.3615

■ 39.8759, 0.3743,
0.3483

■ 15.3870, 0.6106,
0.3534

■ 46.2712, 0.3501,
0.3416

■ 53.4894, 0.3299,
0.3352

■ 61.5585, 0.3130,
0.3291

■ 70.5053, 0.2989,
0.3235

■ 80.3555, 0.2872,
0.3184

■ 90.3081, 0.2836,
0.3264

Harmonies

Analogous

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



25.3193, 0.4401, 0.3076



25.3193, 0.4733, 0.3657



25.3193, 0.4556, 0.4240

Triad

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



25.3193, 0.4733, 0.3657



25.3193, 0.2504, 0.4206



25.3193, 0.2190, 0.2072

Complementary

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



25.3193, 0.4733, 0.3657



37.3005, 0.2293, 0.2838

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.



25.3193, 0.1825, 0.2182



25.3193, 0.4733, 0.3657



25.3193, 0.1972, 0.3330

Square

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



25.3193, 0.4733, 0.3657



25.3193, 0.3245, 0.4750



25.3193, 0.1748, 0.2594



25.3193, 0.2834, 0.2215

Rectangle

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



25.3193, 0.4733, 0.3657



25.3193, 0.4214, 0.4571



25.3193, 0.1748, 0.2594



25.3193, 0.2037, 0.2079

Sweetspot

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



25.3206, 0.4733, 0.3657



77.1620, 0.3458, 0.3403



22.3349, 0.3543, 0.2173



15.8167, 0.3523, 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.



25.3206, 0.4733, 0.3657



34.1686, 0.5236, 0.3680



43.5901, 0.4204, 0.4373



11.6471, 0.3284, 0.3347



9.6042, 0.6081, 0.3554



0.6177, 0.5688, 0.3865

Inverse Universe

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



37.3005, 0.2293, 0.2838



54.9567, 0.2175, 0.2724



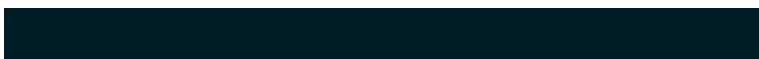
18.5302, 0.2073, 0.1850



12.2492, 0.2983, 0.3233



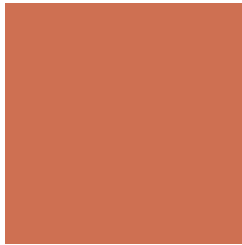
17.5768, 0.2026, 0.2495



1.0201, 0.2075, 0.2668

Previews

White Background



This preview shows how the Yxy color 25.3193, 0.4733, 0.3657 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 25.3193, 0.4733, 0.3657 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 25.3193, 0.4733, 0.3657

Background



This preview shows how black text looks on a background with the Yxy color 25.3193, 0.4733, 0.3657.



This preview shows how white text looks on a background with the Yxy color 25.3193, 0.4733, 0.3657.

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

25.3193, 0.4733, 0.3657

Protanopia

25.4337, 0.3756, 0.4049

Deuteranopia

25.4876, 0.4176, 0.4095



Tritanopia

25.3728, 0.4355, 0.3206

Trichromacy



Original Color

25.3193, 0.4733, 0.3657

Protanomaly

24.9511, 0.4104, 0.3910

Deuteranomaly

25.1768, 0.4381, 0.3934

Tritanomaly

25.1819, 0.4502, 0.3369

Monochromacy



Original Color

25.3193, 0.4733, 0.3657

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4041, 0.3668, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3193, 0.4733, 0.3657 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, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(206, 112, 82)  
}
```

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, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 112, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.3193, 0.4733, 0.3657 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, 112, 82) }
```

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

```
.border{ border-color:rgb(206, 112, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 112, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(206, 112,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3193, 0.4733, 0.3657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 112, 82) }
```

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

```
.background{ background-color: rgb(206,  
112, 82) }
```

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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