

Converting Colors

$Y_{xy}(25.2475, 0.4708, 0.3678)$

Have a look what the booklet for
Yxy(25.2475, 0.4708, 0.3678)
contains.

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Color

$Yxy(25.2568, 0.4703, 0.3674)$

Conversions

Conversions Part 1

Format	Color
Hex	CC7152
RGB	204, 113, 82
RGB Percent	80%, 44%, 32%
CMY	0.2000, 0.5568, 0.6784
CMYK	0.00, 0.45, 0.60, 0.20
HSL	15°, 54%, 56%
HSV	15°, 60%, 80%
XYZ	32.3306, 25.2568, 11.1573
YIQ	136.6750, 64.1870, 9.6510

Conversions

Conversions Part 2

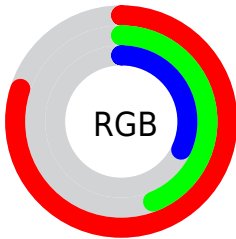
Format	Color
R_{YB}	204, 124, 82
Decimal	13398354
CIE _{Lab}	57.32, 32.97, 32.83
CIE _{LCh}	57, 46.532, 44.876
Yxy	25.2568, 0.4703, 0.3674
Android (android.graphics.Color)	4291588434 (0xFFCC7152)
YUV	136.6750, -26.9548, 59.0440
Hunter-Lab	50.2561, 26.8838, 22.0164

Details

The Yxy color **25.2568, 0.4703, 0.3674** 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 **36.0472, 0.2293, 0.2818**, and the grayscale version is **24.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1984, 0.4289, 0.3647**, and **9.7021, 0.5239, 0.3690** is the 20% darker color. If you saturate the color by 10%, you get **21.8765, 0.5092, 0.3700**, and if you desaturate by 10%, it is **29.3015, 0.4337, 0.3624**.

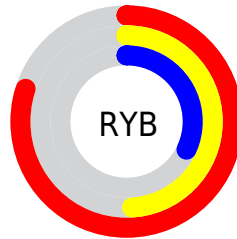
Distribution



Red (80%)

Green (44%)

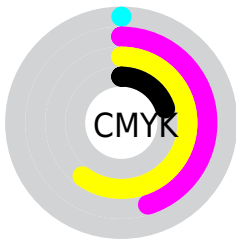
Blue (32%)



Red (80%)

Yellow (49%)

Blue (32%)

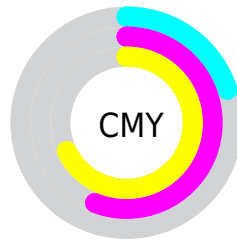


Cyan (0%)

Magenta (45%)

Yellow (60%)

Black (20%)



Cyan (20%)


Magenta (56%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2568, 0.4703, 0.3674 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 25.2568, 0.4703, 0.3674 by changing the saturation by 10% instead.


 25.2568, 0.4703,
0.3674

 25.2568, 0.4703,
0.3674


279.1144, 0.3838,
0.3520


 16.2685, 0.4937,
0.3689


 52.0735, 0.4373,
0.3632

 9.7143, 0.5243,
0.3690


 70.6707, 0.4253,
0.3612

 5.2100, 0.5650,
0.3650

 93.2397, 0.4154,
0.3593

 2.3710, 0.6386,
0.3614

 120.1647, 0.4071,
0.3575

 0.8109, 0.6906,
0.3094

 151.8304, 0.4000,
0.3559

 0.0000, 1.0000,
0.0000

188.6209, 0.3938,

 0.0000, 0.0000,

0.3545

0.0000

230.9208, 0.3885,
0.3532

■ 25.2568, 0.4703,
0.3674

■ 25.2568, 0.4703,
0.3674

■ 21.8765, 0.5092,
0.3700

■ 29.3015, 0.4337,
0.3624

■ 19.1197, 0.5476,
0.3691

■ 34.0404, 0.4011,
0.3560

■ 16.9469, 0.5813,
0.3640

■ 39.5062, 0.3729,
0.3490

■ 15.3061, 0.6074,
0.3557

■ 45.7285, 0.3491,
0.3420

■ 15.2773, 0.6079,
0.3555

■ 52.7349, 0.3291,
0.3352

■ 60.5518, 0.3124,
0.3289

■ 69.2043, 0.2984,
0.3230

■ 78.7164, 0.2868,
0.3177

■ 88.4081, 0.2824,
0.3237

Harmonies

Analogous

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



25.2568, 0.4393, 0.3101



25.2568, 0.4703, 0.3674



25.2568, 0.4517, 0.4244

Triad

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



25.2568, 0.4703, 0.3674



25.2568, 0.2496, 0.4159



25.2568, 0.2225, 0.2094

Complementary

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



25.2568, 0.4703, 0.3674



36.0472, 0.2293, 0.2818

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.



25.2568, 0.1855, 0.2195



25.2568, 0.4703, 0.3674



25.2568, 0.1981, 0.3303

Square

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



25.2568, 0.4703, 0.3674



25.2568, 0.3221, 0.4709



25.2568, 0.1770, 0.2591



25.2568, 0.2866, 0.2242

Rectangle

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



25.2568, 0.4703, 0.3674



25.2568, 0.4176, 0.4563



25.2568, 0.1770, 0.2591



25.2568, 0.2070, 0.2098

Sweetspot

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



25.2581, 0.4703, 0.3674



77.4543, 0.3457, 0.3409



21.9116, 0.3566, 0.2201



15.8870, 0.3522, 0.3429



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.



25.2581, 0.4703, 0.3674



34.6858, 0.5216, 0.3702



43.5280, 0.4180, 0.4388



11.6691, 0.3284, 0.3350



9.7433, 0.6055, 0.3574



0.6278, 0.5660, 0.3888

Inverse Universe

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



36.0472, 0.2293, 0.2818



53.8635, 0.2167, 0.2694



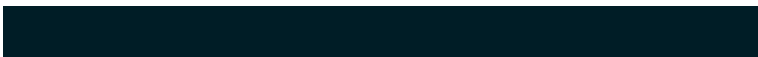
17.8565, 0.2073, 0.1830



12.2257, 0.2983, 0.3230



17.0709, 0.2015, 0.2452



0.9976, 0.2065, 0.2635

Previews

White Background



This preview shows how the Yxy color 25.2568, 0.4703, 0.3674 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 25.2568, 0.4703, 0.3674 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 25.2568, 0.4703, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 25.2568, 0.4703, 0.3674.



This preview shows how white text looks on a background with the Yxy color 25.2568, 0.4703, 0.3674.

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

25.2568, 0.4703, 0.3674

Protanopia

25.4337, 0.3756, 0.4049

Deuteranopia

25.3774, 0.4164, 0.4100



Tritanopia

25.3200, 0.4313, 0.3205

Trichromacy



Original Color

25.2568, 0.4703, 0.3674

Protanomaly

24.9511, 0.4104, 0.3910

Deuteranomaly

25.0555, 0.4370, 0.3938

Tritanomaly

25.1305, 0.4459, 0.3370

Monochromacy



Original Color

25.2568, 0.4703, 0.3674

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2998, 0.3656, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2568, 0.4703, 0.3674 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(204, 113, 82)` looks like.

```
.text, #text, p{  
    color:rgb(204, 113, 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(204, 113, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 113, 82) }
```

Border

The CSS property to change the border of an element to Yxy 25.2568, 0.4703, 0.3674 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(204, 113, 82) }
```

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

```
.border{ border-color:rgb(204, 113, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 113, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 113, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 113, 82);  
box-shadow:4px 4px 4px 4px rgb(204, 113,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2568, 0.4703, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 113, 82) }
```

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

```
.background{ background-color: rgb(204,  
113, 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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