

Converting Colors

$Y_{xy}(25.2869, 0.4456, 0.3461)$

Have a look what the booklet for
Yxy(25.2869, 0.4456, 0.3461)
contains.

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Color

Yxy(25.2869, 0.4456, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	CA7164
RGB	202, 113, 100
RGB Percent	79%, 44%, 39%
CMY	0.2080, 0.5568, 0.6079
CMYK	0.00, 0.44, 0.50, 0.21
HSL	8°, 49%, 59%
HSV	8°, 50%, 79%
XYZ	32.5566, 25.2869, 15.2189
YIQ	138.1290, 57.2170, 14.8250

Conversions

Conversions Part 2

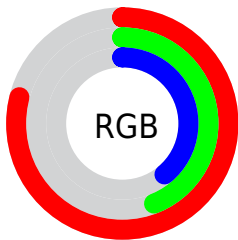
Format	Color
R_{YB}	202, 115, 100
Decimal	13267300
CIE _{Lab}	57.35, 33.66, 22.68
CIE _{LCh}	57, 40.587, 33.970
Yxy	25.2869, 0.4456, 0.3461
Android (android.graphics.Color)	4291457380 (0xFFCA7164)
YUV	138.1290, -18.7976, 56.0149
Hunter-Lab	50.2861, 27.5652, 17.2564

Details

The Yxy color **25.2869, 0.4456, 0.3461** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **43.3408, 0.2438, 0.3099**, and the grayscale version is **25.5256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.7668, 0.4110, 0.3451**, and **9.7413, 0.4941, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **21.3869, 0.4872, 0.3483**, and if you desaturate by 10%, it is **30.0494, 0.4088, 0.3430**.

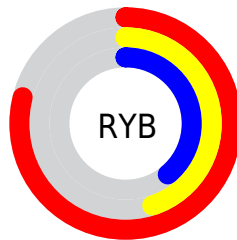
Distribution



Red (79%)

Green (44%)

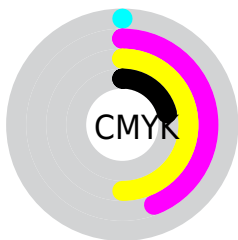
Blue (39%)



Red (79%)

Yellow (45%)

Blue (39%)

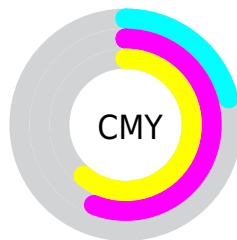


Cyan (0%)

Magenta (44%)

Yellow (50%)

Black (21%)



Cyan (21%)


Magenta (56%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2869, 0.4456, 0.3461 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 25.2869, 0.4456, 0.3461 by changing the saturation by 10% instead.


 25.2869, 0.4456,
0.3461


 25.2869, 0.4456,
0.3461


279.2637, 0.3719,
0.3402


 16.2909, 0.4663,
0.3462


 52.1223, 0.4171,
0.3448


 9.7303, 0.4942,
0.3451


 70.7305, 0.4069,
0.3441

 5.2205, 0.5331,
0.3413

 93.3115, 0.3985,
0.3433

 2.3772, 0.5956,
0.3334

 120.2499, 0.3915,
0.3426

 0.8141, 0.6936,
0.3064

151.9299, 0.3855,
0.3419

 0.0000, 1.0000,
0.0000


188.7359, 0.3803,


 0.0000, 0.0000,


0.3413


0.0000


231.0524, 0.3758,
0.3407

 25.2869, 0.4456,
0.3461


 25.2869, 0.4456,
0.3461


 21.3869, 0.4872,
0.3483


 30.0494, 0.4088,
0.3430


 18.2939, 0.5314,
0.3489


 35.7177, 0.3777,
0.3395


 15.9520, 0.5735,
0.3472

 42.3371, 0.3519,
0.3359

 14.2963, 0.6077,
0.3431

 49.9485, 0.3308,
0.3324

 13.2832, 0.6295,
0.3383

 58.5905, 0.3135,
0.3292

■ 68.2996, 0.2994,
0.3262

■ 79.1105, 0.2878,
0.3235

■ 90.6260, 0.2815,
0.3278

■ 91.2927, 0.2816,
0.3289

Harmonies

Analogous

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



25.2869, 0.4034, 0.2957



25.2869, 0.4456, 0.3461



25.2869, 0.4459, 0.3980

Triad

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



25.2869, 0.4456, 0.3461



25.2869, 0.2802, 0.4258



25.2869, 0.2178, 0.2232

Complementary

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



25.2869, 0.4456, 0.3461



43.3408, 0.2438, 0.3099

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.



25.2869, 0.1935, 0.2423



25.2869, 0.4456, 0.3461



25.2869, 0.2256, 0.3580

Square

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



25.2869, 0.4456, 0.3461



25.2869, 0.3471, 0.4565



25.2869, 0.1958, 0.2887



25.2869, 0.2671, 0.2283

Rectangle

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



25.2869, 0.4456, 0.3461



25.2869, 0.4241, 0.4286



25.2869, 0.1958, 0.2887



25.2869, 0.2068, 0.2267

Sweetspot

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



25.2882, 0.4456, 0.3461



78.3074, 0.3402, 0.3340



25.3862, 0.3316, 0.2203



16.1776, 0.3448, 0.3347



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.



25.2882, 0.4456, 0.3461



35.4416, 0.4931, 0.3485



39.6242, 0.4097, 0.4087



11.4409, 0.3287, 0.3320



8.6231, 0.6280, 0.3396



0.5230, 0.5983, 0.3631

Inverse Universe

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



43.3408, 0.2438, 0.3099



69.3839, 0.2328, 0.3049



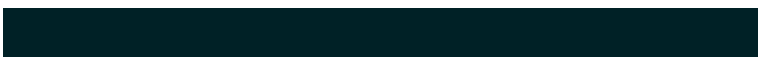
25.4612, 0.2286, 0.2313



12.4729, 0.2983, 0.3260



22.8628, 0.2135, 0.2885



1.2495, 0.2159, 0.2971

Previews

White Background



This preview shows how the Yxy color 25.2869, 0.4456, 0.3461 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 25.2869, 0.4456, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

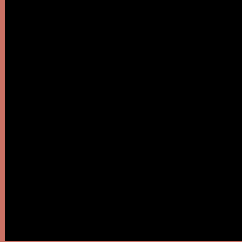
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2869, 0.4456, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 25.2869, 0.4456, 0.3461.



This preview shows how white text looks on a background with the Yxy color 25.2869, 0.4456, 0.3461.

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

25.2869, 0.4456, 0.3461

Protanopia

25.5277, 0.3517, 0.3742

Deuteranopia

25.3464, 0.3932, 0.3851



Tritanopia

25.1564, 0.4245, 0.3190

Trichromacy



Original Color

25.2869, 0.4456, 0.3461

Protanomaly

24.9775, 0.3846, 0.3633

Deuteranomaly

24.9953, 0.4125, 0.3702

Tritanomaly

25.2131, 0.4335, 0.3294

Monochromacy



Original Color

25.2869, 0.4456, 0.3461

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7328, 0.3569, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2869, 0.4456, 0.3461 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(202, 113, 100)` looks like.

```
.text, #text, p{  
    color:rgb(202, 113, 100)  
}
```

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(202, 113, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 113, 100) }
```

Border

The CSS property to change the border of an element to Yxy 25.2869, 0.4456, 0.3461 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(202, 113, 100) }
```

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

```
.border{ border-color:rgb(202, 113, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 113, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 113, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 113, 100);  
box-shadow:4px 4px 4px 4px rgb(202, 113,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2869, 0.4456, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 113, 100) }
```

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

```
.background{ background-color: rgb(202,  
113, 100) }
```

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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