

Converting Colors

$Y_{xy}(25.7102, 0.4355, 0.3553)$

Have a look what the booklet for
Yxy(25.7102, 0.4355, 0.3553)
contains.

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Color

Yxy(25.8303, 0.4356, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	C47763
RGB	196, 119, 99
RGB Percent	77%, 47%, 39%
CMY	0.2314, 0.5333, 0.6116
CMYK	0.00, 0.39, 0.49, 0.23
HSL	12°, 45%, 58%
HSV	12°, 49%, 77%
XYZ	31.6147, 25.8303, 15.1324
YIQ	139.7430, 52.3120, 10.1040

Conversions

Conversions Part 2

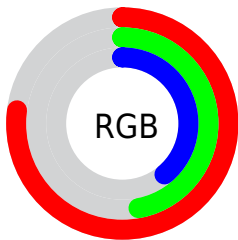
Format	Color
R_{YB}	196, 124, 99
Decimal	12875619
CIE Lab	57.88, 28.00, 23.78
CIE LCh	58, 36.736, 40.330
Yxy	25.8303, 0.4356, 0.3559
Android (android.graphics.Color)	4291065699 (0xFFC47763)
YUV	139.7430, -20.0863, 49.3374
Hunter-Lab	50.8235, 22.0946, 17.9232

Details

The Yxy color **25.8303, 0.4356, 0.3559** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.7016, 0.2428, 0.2987**, and the grayscale version is **26.1865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.9671, 0.4092, 0.3524**, and **9.9931, 0.4808, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **22.0948, 0.4738, 0.3599**, and if you desaturate by 10%, it is **30.2660, 0.4018, 0.3507**.

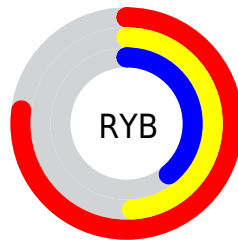
Distribution



Red (77%)

Green (47%)

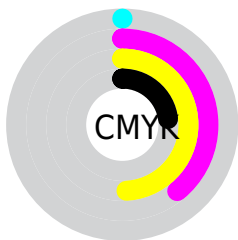
Blue (39%)



Red (77%)

Yellow (49%)

Blue (39%)

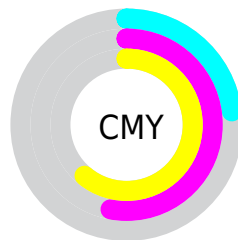


Cyan (0%)

Magenta (39%)

Yellow (49%)

Black (23%)



Cyan (23%)


Magenta (53%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8303, 0.4356, 0.3559 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 25.8303, 0.4356, 0.3559 by changing the saturation by 10% instead.


 25.8303, 0.4356,
0.3559


 25.8303, 0.4356,
0.3559


281.9480, 0.3677,
0.3443


 16.6967, 0.4546,
0.3577


 53.0011, 0.4094,
0.3524

 10.0185, 0.4801,
0.3589


 71.8070, 0.4000,
0.3508

 5.4112, 0.5156,
0.3585

 94.6059, 0.3923,
0.3494

 2.4905, 0.5732,
0.3563

 121.7821, 0.3858,
0.3482

 0.8719, 0.6618,
0.3382

153.7201, 0.3802,
0.3470

 0.0000, 1.0000,
0.0000

190.8041, 0.3755,

 0.0000, 0.0000,

0.3460

0.0000

233.4186, 0.3714,
0.3451

■ 25.8303, 0.4356,
0.3559

■ 25.8303, 0.4356,
0.3559

■ 22.0948, 0.4738,
0.3599

■ 30.2660, 0.4018,
0.3507

■ 19.0193, 0.5146,
0.3618

■ 35.4316, 0.3730,
0.3451

■ 16.5657, 0.5549,
0.3606


■ 41.3596, 0.3487,
0.3394


■ 14.6899, 0.5898,
0.3559

■ 48.0794, 0.3286,
0.3339


■ 13.3366, 0.6159,
0.3485

■ 55.6190, 0.3119,
0.3287

 13.2777, 0.6172,
0.3482

 64.0049, 0.2981,
0.3240

 73.2625, 0.2866,
0.3197

 83.3621, 0.2774,
0.3167

 90.4754, 0.2784,
0.3289

Harmonies

Analogous

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



25.8303, 0.4049, 0.3086



25.8303, 0.4356, 0.3559



25.8303, 0.4286, 0.4022

Triad

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



25.8303, 0.4356, 0.3559



25.8303, 0.2720, 0.4041



25.8303, 0.2343, 0.2318

Complementary

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



25.8303, 0.4356, 0.3559



37.7016, 0.2428, 0.2987

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.



25.8303, 0.2067, 0.2449



25.8303, 0.4356, 0.3559



25.8303, 0.2261, 0.3414

Square

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



25.8303, 0.4356, 0.3559



25.8303, 0.3317, 0.4405



25.8303, 0.2037, 0.2824



25.8303, 0.2838, 0.2406

Rectangle

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



25.8303, 0.4356, 0.3559



25.8303, 0.4052, 0.4272



25.8303, 0.2037, 0.2824



25.8303, 0.2225, 0.2336

Sweetspot

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



25.8316, 0.4356, 0.3559



79.9060, 0.3397, 0.3370



23.8243, 0.3407, 0.2311



16.5576, 0.3442, 0.3382



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.



25.8316, 0.4356, 0.3559



39.7483, 0.4756, 0.3600



40.2408, 0.4019, 0.4166



10.4065, 0.3284, 0.3338



8.6332, 0.6150, 0.3499



0.4740, 0.5720, 0.3840

Inverse Universe

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



37.7016, 0.2428, 0.2987



63.5154, 0.2314, 0.2911



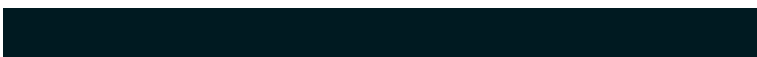
22.1107, 0.2279, 0.2206



11.0648, 0.2984, 0.3241



17.8858, 0.2062, 0.2622



0.8638, 0.2108, 0.2787

Previews

White Background



This preview shows how the Yxy color 25.8303, 0.4356, 0.3559 looks on a white background.

Color Contrast Check

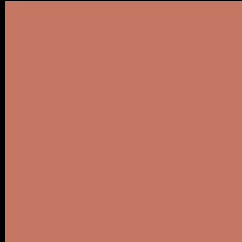
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8303, 0.4356, 0.3559 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 25.8303, 0.4356, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 25.8303, 0.4356, 0.3559.



This preview shows how white text looks on a background with the Yxy color 25.8303, 0.4356, 0.3559.

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

25.8303, 0.4356, 0.3559

Protanopia

25.9375, 0.3569, 0.3804

Deuteranopia

26.1102, 0.3943, 0.3875



Tritanopia

25.7225, 0.4078, 0.3173

Trichromacy



Original Color

25.8303, 0.4356, 0.3559

Protanomaly

25.6294, 0.3841, 0.3711

Deuteranomaly

26.0286, 0.4097, 0.3759

Tritanomaly

25.5989, 0.4181, 0.3307

Monochromacy



Original Color

25.8303, 0.4356, 0.3559

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4568, 0.3535, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8303, 0.4356, 0.3559 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(196, 119, 99)` looks like.

```
.text, #text, p{  
    color:rgb(196, 119, 99)  
}
```

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(196, 119, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 119, 99) }
```

Border

The CSS property to change the border of an element to Yxy 25.8303, 0.4356, 0.3559 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(196, 119, 99) }
```

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

```
.border{ border-color:rgb(196, 119, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 119, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 119, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 119, 99);  
box-shadow:4px 4px 4px 4px rgb(196, 119,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8303, 0.4356, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 119, 99) }
```

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

```
.background{ background-color: rgb(196,  
119, 99) }
```

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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