

Converting Colors

$Y_{xy}(25.2665, 0.4446, 0.3577)$

Have a look what the booklet for
Yxy(25.2665, 0.4446, 0.3577)
contains.

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Color

Yxy(25.1873, 0.4441, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	C5745F
RGB	197, 116, 95
RGB Percent	77%, 45%, 37%
CMY	0.2275, 0.5450, 0.6275
CMYK	0.00, 0.41, 0.52, 0.23
HSL	12°, 47%, 57%
HSV	12°, 52%, 77%
XYZ	31.3324, 25.1873, 14.0329
YIQ	137.8250, 55.0170, 10.6410

Conversions

Conversions Part 2

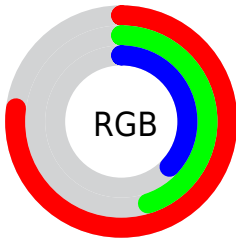
Format	Color
R_{YB}	197, 121, 95
Decimal	12940383
CIE _{Lab}	57.26, 29.63, 25.28
CIE _{LCh}	57, 38.954, 40.468
Yxy	25.1873, 0.4441, 0.3570
Android (android.graphics.Color)	4291130463 (0xFFC5745F)
YUV	137.8250, -21.1127, 51.8965
Hunter-Lab	50.1870, 23.6130, 18.5526

Details

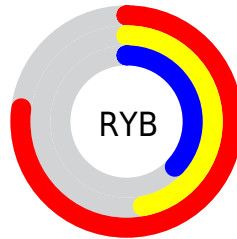
The Yxy color **25.1873, 0.4441, 0.3570** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **37.4920, 0.2401, 0.2970**, and the grayscale version is **25.4125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7113, 0.4143, 0.3534**, and **9.6853, 0.4934, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **21.5674, 0.4831, 0.3606**, and if you desaturate by 10%, it is **29.5070, 0.4092, 0.3520**.

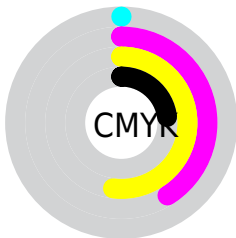
Distribution



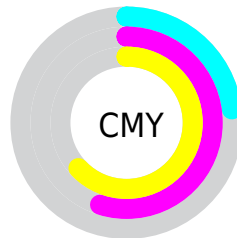
- Red (77%)
- Green (45%)
- Blue (37%)



- Red (77%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (52%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1873, 0.4441, 0.3570 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 25.1873, 0.4441, 0.3570 by changing the saturation by 10% instead.


 25.1873, 0.4441,
0.3570


 25.1873, 0.4441,
0.3570


278.7694, 0.3713,
0.3452


 16.2167, 0.4644,
0.3586


 51.9609, 0.4160,
0.3536


 9.6776, 0.4917,
0.3594


 70.5327, 0.4059,
0.3520

 5.1857, 0.5295,
0.3579

 93.0736, 0.3976,
0.3506

 2.3566, 0.5959,
0.3568

 119.9681, 0.3907,
0.3493

 0.8034, 0.6746,
0.3254

151.6005, 0.3847,
0.3481

 0.0000, 1.0000,
0.0000

188.3553, 0.3797,

 0.0000, 0.0000,

0.3470

0.0000

230.6168, 0.3752,
0.3461

■ 25.1873, 0.4441,
0.3570

■ 25.1873, 0.4441,
0.3570

■ 21.5674, 0.4831,
0.3606

■ 29.5070, 0.4092,
0.3520

■ 18.6063, 0.5242,
0.3619

■ 34.5573, 0.3792,
0.3464

■ 16.2642, 0.5636,
0.3599

■ 40.3714, 0.3539,
0.3407

■ 14.4953, 0.5966,
0.3543

■ 46.9798, 0.3329,
0.3351

■ 13.4274, 0.6172,
0.3482

■ 54.4107, 0.3155,
0.3299

■ 62.6916, 0.3010,
0.3251

■ 71.8480, 0.2890,
0.3207

■ 81.9050, 0.2790,
0.3167

■ 90.6076, 0.2789,
0.3289

Harmonies

Analogous

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



25.1873, 0.4116, 0.3071



25.1873, 0.4441, 0.3570



25.1873, 0.4359, 0.4062

Triad

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



25.1873, 0.4441, 0.3570



25.1873, 0.2687, 0.4096



25.1873, 0.2295, 0.2259

Complementary

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



25.1873, 0.4441, 0.3570



37.4920, 0.2401, 0.2970

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.



25.1873, 0.2005, 0.2393



25.1873, 0.4441, 0.3570



25.1873, 0.2203, 0.3416

Square

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



25.1873, 0.4441, 0.3570



25.1873, 0.3321, 0.4488



25.1873, 0.1970, 0.2786



25.1873, 0.2820, 0.2355

Rectangle

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



25.1873, 0.4441, 0.3570



25.1873, 0.4106, 0.4333



25.1873, 0.1970, 0.2786



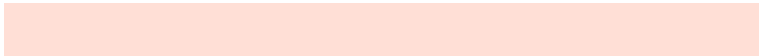
25.1873, 0.2171, 0.2277

Sweetspot

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



25.1886, 0.4441, 0.3570



78.6945, 0.3418, 0.3376



23.2070, 0.3424, 0.2270



16.3176, 0.3463, 0.3387



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.



25.1886, 0.4441, 0.3570



37.9547, 0.4879, 0.3609



40.1048, 0.4066, 0.4203



10.9854, 0.3284, 0.3338



8.9321, 0.6151, 0.3498



0.5295, 0.5748, 0.3818

Inverse Universe

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



37.4920, 0.2401, 0.2970



62.2094, 0.2284, 0.2888



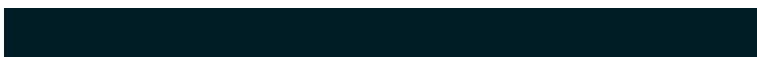
21.2778, 0.2237, 0.2144



11.6817, 0.2984, 0.3241



18.4960, 0.2061, 0.2620



0.9722, 0.2104, 0.2775

Previews

White Background



This preview shows how the Yxy color 25.1873, 0.4441, 0.3570 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 25.1873, 0.4441, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

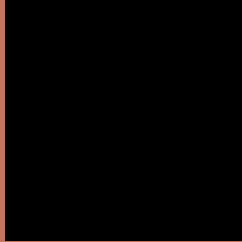
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1873, 0.4441, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 25.1873, 0.4441, 0.3570.



This preview shows how white text looks on a background with the Yxy color 25.1873, 0.4441, 0.3570.

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

25.1873, 0.4441, 0.3570

Protanopia

25.4723, 0.3604, 0.3858

Deuteranopia

25.2746, 0.3977, 0.3911



Tritanopia

25.1109, 0.4146, 0.3174

Trichromacy



Original Color

25.1873, 0.4441, 0.3570

Protanomaly

25.0118, 0.3899, 0.3742

Deuteranomaly

25.0591, 0.4154, 0.3776

Tritanomaly

24.9859, 0.4251, 0.3307

Monochromacy



Original Color

25.1873, 0.4441, 0.3570

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7413, 0.3564, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1873, 0.4441, 0.3570 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(197, 116, 95)` looks like.

```
.text, #text, p{  
    color:rgb(197, 116, 95)  
}
```

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(197, 116, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 116, 95) }
```

Border

The CSS property to change the border of an element to Yxy 25.1873, 0.4441, 0.3570 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(197, 116, 95) }
```

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

```
.border{ border-color:rgb(197, 116, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 116, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 116, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 116, 95);  
box-shadow:4px 4px 4px 4px rgb(197, 116,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1873, 0.4441, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 116, 95) }
```

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

```
.background{ background-color: rgb(197,  
116, 95) }
```

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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