

Converting Colors

$Y_{xy}(25.0995, 0.4463, 0.3591)$

Have a look what the booklet for
Yxy(25.0995, 0.4463, 0.3591)
contains.

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Color

Yxy(25.1514, 0.4466, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	C5745D
RGB	197, 116, 93
RGB Percent	77%, 45%, 36%
CMY	0.2275, 0.5451, 0.6353
CMYK	0.00, 0.41, 0.53, 0.23
HSL	13°, 47%, 57%
HSV	13°, 53%, 77%
XYZ	31.2451, 25.1514, 13.5657
YIQ	137.5970, 55.6590, 10.0190

Conversions

Conversions Part 2

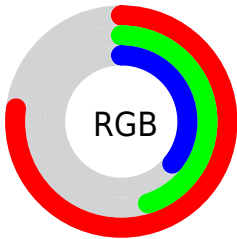
Format	Color
RYB	197, 123, 93
Decimal	12940381
CIELab	57.22, 29.46, 26.36
CIElCh	57, 39.531, 41.813
Yxy	25.1514, 0.4466, 0.3595
Android (android.graphics.Color)	4291130461 (0xFFC5745D)
YUV	137.5970, -21.9863, 52.0964
Hunter-Lab	50.1512, 23.4442, 19.0681

Details

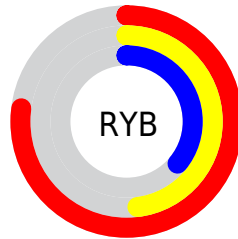
The Yxy color **25.1514, 0.4466, 0.3595** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **36.6245, 0.2384, 0.2938**, and the grayscale version is **25.3248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6496, 0.4162, 0.3555**, and **9.5906, 0.4938, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **21.5974, 0.4853, 0.3632**, and if you desaturate by 10%, it is **29.3819, 0.4117, 0.3543**.

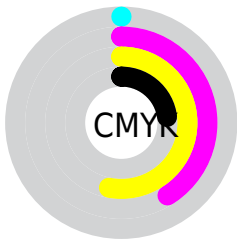
Distribution



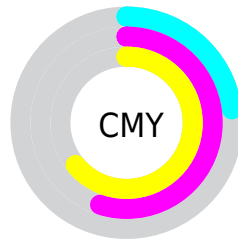
- Red (77%)
- Green (45%)
- Blue (36%)



- Red (77%)
- Yellow (48%)
- Blue (36%)



- Cyan (0%)
- Magenta (41%)
- Yellow (53%)
- Black (23%)





- Cyan (23%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1514, 0.4466, 0.3595 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 25.1514, 0.4466, 0.3595 by changing the saturation by 10% instead.


 25.1514, 0.4466,
0.3595


 25.1514, 0.4466,
0.3595


278.5911, 0.3725,
0.3465

 16.1899, 0.4672,
0.3613


 51.9027, 0.4180,
0.3557

 9.6586, 0.4948,
0.3623


 70.4613, 0.4078,
0.3539

 5.1732, 0.5329,
0.3609

 92.9878, 0.3993,
0.3524

 2.3492, 0.6025,
0.3616

 119.8664, 0.3922,
0.3510

 0.7996, 0.6741,
0.3259

151.4817, 0.3862,
0.3497

 0.0000, 1.0000,
0.0000


188.2180, 0.3810,


 0.0000, 0.0000,


0.3485


0.0000


230.4596, 0.3765,
0.3475


 25.1514, 0.4466,
0.3595


 25.1514, 0.4466,
0.3595


 21.5974, 0.4853,
0.3632


 29.3819, 0.4117,
0.3543


 18.6805, 0.5258,
0.3644


 34.3181, 0.3816,
0.3483


 16.3626, 0.5644,
0.3621

 39.9920, 0.3561,
0.3421

 14.6001, 0.5963,
0.3561

 46.4325, 0.3348,
0.3361

 13.6388, 0.6143,
0.3504

 53.6671, 0.3171,
0.3305

■ 61.7216, 0.3024,
0.3253

■ 70.6209, 0.2901,
0.3205

■ 80.3887, 0.2799,
0.3162

■ 90.0230, 0.2788,
0.3279

Harmonies

Analogous

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



25.1514, 0.4154, 0.3089



25.1514, 0.4466, 0.3595



25.1514, 0.4363, 0.4092

Triad

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



25.1514, 0.4466, 0.3595



25.1514, 0.2653, 0.4082



25.1514, 0.2303, 0.2245

Complementary

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



25.1514, 0.4466, 0.3595



36.6245, 0.2384, 0.2938

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.



25.1514, 0.1998, 0.2369



25.1514, 0.4466, 0.3595



25.1514, 0.2173, 0.3385

Square

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



25.1514, 0.4466, 0.3595



25.1514, 0.3293, 0.4500



25.1514, 0.1951, 0.2754



25.1514, 0.2843, 0.2352

Rectangle

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



25.1514, 0.4466, 0.3595



25.1514, 0.4097, 0.4362



25.1514, 0.1951, 0.2754



25.1514, 0.2173, 0.2259

Sweetspot

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



25.1527, 0.4466, 0.3595



79.0215, 0.3417, 0.3382



22.7729, 0.3454, 0.2272



16.3947, 0.3461, 0.3394



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.



25.1527, 0.4466, 0.3595



38.0105, 0.4901, 0.3635



40.4901, 0.4074, 0.4239



11.0111, 0.3284, 0.3342



9.0757, 0.6122, 0.3521



0.5411, 0.5710, 0.3848

Inverse Universe

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



36.6245, 0.2384, 0.2938



60.5215, 0.2267, 0.2849



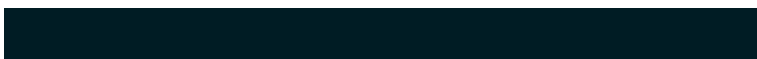
20.3930, 0.2214, 0.2089



11.6540, 0.2984, 0.3238



17.8550, 0.2047, 0.2568



0.9467, 0.2093, 0.2735

Previews

White Background



This preview shows how the Yxy color 25.1514, 0.4466, 0.3595 looks on a white background.

Color Contrast Check

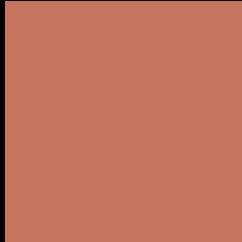
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1514, 0.4466, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

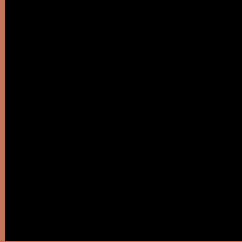
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1514, 0.4466, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 25.1514, 0.4466, 0.3595.



This preview shows how white text looks on a background with the Yxy color 25.1514, 0.4466, 0.3595.

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

25.1514, 0.4466, 0.3595

Protanopia

25.4322, 0.3626, 0.3891

Deuteranopia

25.3477, 0.4011, 0.3938



Tritanopia

25.0865, 0.4159, 0.3187

Trichromacy



Original Color

25.1514, 0.4466, 0.3595

Protanomaly

24.9731, 0.3922, 0.3773

Deuteranomaly

25.0242, 0.4177, 0.3804

Tritanomaly

24.9418, 0.4278, 0.3333

Monochromacy



Original Color

25.1514, 0.4466, 0.3595

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 25.1514, 0.4466, 0.3595 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(197, 116, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 116, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.1514, 0.4466, 0.3595 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, 93) }
```

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

```
.border{ border-color:rgb(197, 116, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 116, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 116, 93);  
box-shadow:4px 4px 4px 4px rgb(197, 116,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1514, 0.4466, 0.3595 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, 93) }
```

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

```
.background{ background-color: rgb(197,  
116, 93) }
```

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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