

Converting Colors

$Y_{xy}(22.4121, 0.5150, 0.3608)$

Have a look what the booklet for
Yxy(22.4121, 0.5150, 0.3608)
contains.

Yxy(22.4150, 0.5149, 0.3617)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.4150, 0.5149, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	D35F41
RGB	211, 95, 65
RGB Percent	83%, 37%, 25%
CMY	0.1726, 0.6274, 0.7451
CMYK	0.00, 0.55, 0.69, 0.17
HSL	12°, 62%, 54%
HSV	12°, 69%, 83%
XYZ	31.9090, 22.4150, 7.6473
YIQ	126.2640, 78.7660, 15.2620

Conversions

Conversions Part 2

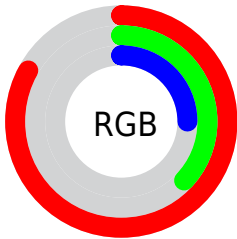
Format	Color
R_{YB}	211, 103, 65
Decimal	13852481
CIE _{Lab}	54.46, 43.78, 38.97
CIE _{LCh}	54, 58.613, 41.677
Yxy	22.4150, 0.5149, 0.3617
Android (android.graphics.Color)	4292042561 (0xFFD35F41)
YUV	126.2640, -30.2032, 74.3135
Hunter-Lab	47.3445, 37.4517, 23.5644

Details

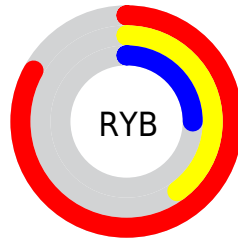
The Yxy color **22.4150, 0.5149, 0.3617** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **38.8706, 0.2226, 0.2840**, and the grayscale version is **21.0452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.6547, 0.4573, 0.3639**, and **8.1870, 0.5831, 0.3530** is the 20% darker color. If you saturate the color by 10%, you get **19.5133, 0.5553, 0.3605**, and if you desaturate by 10%, it is **26.0603, 0.4738, 0.3598**.

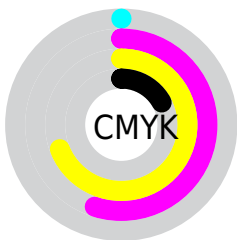
Distribution



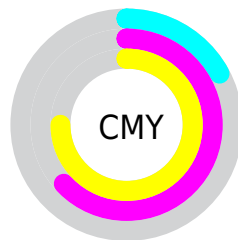
- Red (83%)
- Green (37%)
- Blue (25%)



- Red (83%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (55%)
- Yellow (69%)
- Black (17%)





- Cyan (17%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.4150, 0.5149, 0.3617 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 22.4150, 0.5149, 0.3617 by changing the saturation by 10% instead.


 22.4150, 0.5149,
0.3617


 22.4150, 0.5149,
0.3617


264.7059, 0.4033,
0.3530


 14.1622, 0.5444,
0.3595


 47.4310, 0.4726,
0.3613


 8.2335, 0.5820,
0.3533


 64.9628, 0.4571,
0.3603


 4.2447, 0.6387,
0.3432

 86.3565, 0.4443,
0.3590

 1.8114, 0.6926,
0.3074

 111.9964, 0.4335,
0.3577

 0.4943, 0.7796,
0.2204

 142.2669, 0.4242,
0.3564

 0.0000, 1.0000,
0.0000

 177.5524, 0.4163,

 0.0000, 0.0000,

0.3552

0.0000

218.2373, 0.4094,
0.3541

■ 22.4150, 0.5149,
0.3617

■ 22.4150, 0.5149,
0.3617

■ 19.5133, 0.5553,
0.3605

■ 26.0603, 0.4738,
0.3598

■ 17.2986, 0.5903,
0.3557

■ 30.4929, 0.4354,
0.3558

■ 15.7073, 0.6161,
0.3481

■ 35.7575, 0.4015,
0.3506

■ 15.6020, 0.6179,
0.3476

■ 41.8941, 0.3726,
0.3449

■ 48.9403, 0.3483,
0.3392

■ 56.9313, 0.3282,
0.3337

■ 65.9006, 0.3115,
0.3286

■ 75.8799, 0.2977,
0.3239

■ 86.8995, 0.2862,
0.3196

Harmonies

Analogous

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



22.4150, 0.4702, 0.2943



22.4150, 0.5149, 0.3617



22.4150, 0.4915, 0.4334

Triad

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



22.4150, 0.5149, 0.3617



22.4150, 0.2373, 0.4581



22.4150, 0.1924, 0.1804

Complementary

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



22.4150, 0.5149, 0.3617



38.8706, 0.2226, 0.2840

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.



22.4150, 0.1526, 0.1937



22.4150, 0.5149, 0.3617



22.4150, 0.1720, 0.3393

Square

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



22.4150, 0.5149, 0.3617



22.4150, 0.3288, 0.5223



22.4150, 0.1452, 0.2436



22.4150, 0.2674, 0.1958

Rectangle

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



22.4150, 0.5149, 0.3617



22.4150, 0.4481, 0.4795



22.4150, 0.1452, 0.2436



22.4150, 0.1754, 0.1814

Sweetspot

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



22.4162, 0.5149, 0.3617



72.8133, 0.3529, 0.3404



20.9985, 0.3560, 0.2011



14.9255, 0.3595, 0.3420



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.



22.4162, 0.5149, 0.3617



28.2288, 0.5728, 0.3587



41.9394, 0.4409, 0.4437



12.1962, 0.3286, 0.3338



9.5358, 0.6156, 0.3494



0.6493, 0.5801, 0.3776

Inverse Universe

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



38.8706, 0.2226, 0.2840



54.5794, 0.2124, 0.2729



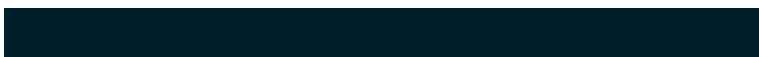
16.7227, 0.1940, 0.1673



12.9772, 0.2983, 0.3241



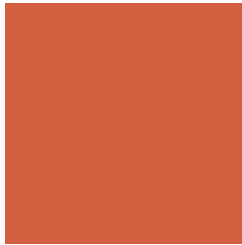
19.8088, 0.2061, 0.2621



1.2142, 0.2099, 0.2757

Previews

White Background



This preview shows how the Yxy color 22.4150, 0.5149, 0.3617 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 22.4150, 0.5149, 0.3617 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 22.4150, 0.5149, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 22.4150, 0.5149, 0.3617.



This preview shows how white text looks on a background with the Yxy color 22.4150, 0.5149, 0.3617.

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

22.4150, 0.5149, 0.3617

Protanopia

22.6081, 0.3872, 0.4212

Deuteranopia

22.4125, 0.4356, 0.4264



Tritanopia

22.4914, 0.4782, 0.3226

Trichromacy



Original Color

22.4150, 0.5149, 0.3617

Protanomaly

21.7627, 0.4345, 0.3968

Deuteranomaly

21.8505, 0.4674, 0.3994

Tritanomaly

22.3072, 0.4934, 0.3374

Monochromacy



Original Color

22.4150, 0.5149, 0.3617

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.4290, 0.3831, 0.3473

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.4150, 0.5149, 0.3617 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(211, 95, 65)` looks like.

```
.text, #text, p{  
    color:rgb(211, 95, 65)  
}
```

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(211, 95, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 95, 65) }
```

Border

The CSS property to change the border of an element to Yxy 22.4150, 0.5149, 0.3617 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(211, 95, 65) }
```

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

```
.border{ border-color:rgb(211, 95, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 95, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 95, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 95, 65);  
box-shadow:4px 4px 4px 4px rgb(211, 95,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 22.4150, 0.5149, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 95, 65) }
```

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

```
.background{ background-color: rgb(211, 95,  
65) }
```

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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