

Converting Colors

$Y_{xy}(15.5050, 0.5716, 0.3627)$

Have a look what the booklet for
Yxy(15.5050, 0.5716, 0.3627)
contains.

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Color

Yxy(15.4496, 0.5722, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	C2421C
RGB	194, 66, 28
RGB Percent	76%, 26%, 11%
CMY	0.2392, 0.7412, 0.8899
CMYK	0.00, 0.66, 0.86, 0.24
HSL	14°, 75%, 44%
HSV	14°, 86%, 76%
XYZ	24.4071, 15.4496, 2.7982
YIQ	99.9400, 88.4860, 15.3180

Conversions

Conversions Part 2

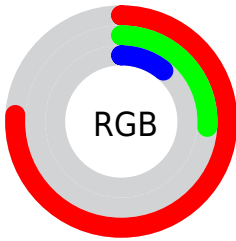
Format	Color
RYB	194, 77, 28
Decimal	12730908
CIELab	46.24, 49.51, 48.30
CIElCh	46, 69.168, 44.287
Yxy	15.4496, 0.5722, 0.3622
Android (android.graphics.Color)	4290920988 (0xFFC2421C)
YUV	99.9400, -35.4664, 82.4906
Hunter-Lab	39.3060, 42.0545, 23.2934

Details

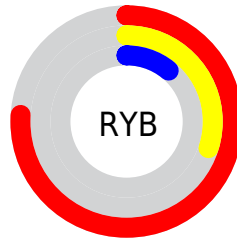
The Yxy color **15.4496, 0.5722, 0.3622** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **27.9410, 0.2100, 0.2653**, and the grayscale version is **12.8053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2147, 0.5157, 0.3687**, and **4.9055, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.8596, 0.6017, 0.3551**, and if you desaturate by 10%, it is **17.5586, 0.5352, 0.3655**.

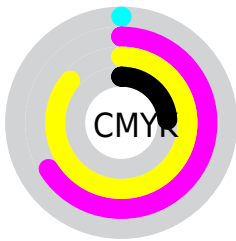
Distribution



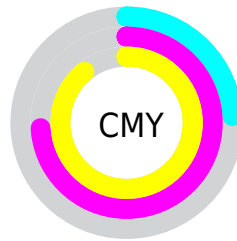
- Red (76%)
- Green (26%)
- Blue (11%)



- Red (76%)
- Yellow (30%)
- Blue (11%)



- Cyan (0%)
- Magenta (66%)
- Yellow (86%)
- Black (24%)





- Cyan (24%)
- Magenta (74%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4496, 0.5722, 0.3622 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 15.4496, 0.5722, 0.3622 by changing the saturation by 10% instead.


 15.4496, 0.5722,
0.3622


 15.4496, 0.5722,
0.3622

226.0716, 0.4262,
0.3605


 9.1355, 0.6088,
0.3529


 35.6400, 0.5174,
0.3678

 4.8297, 0.6617,
0.3383

 50.2851, 0.4971,
0.3678


 2.1477, 0.7034,
0.2966

 68.4761, 0.4801,
0.3670

 0.6912, 0.7717,
0.2283

 90.5972, 0.4658,
0.3659

 0.0000, 1.0000,
0.0000


 117.0329, 0.4536,
0.3645


 0.0000, 0.0000,
0.0000

 148.1676, 0.4432,


0.3632


 184.3857, 0.4341,
0.3618

 15.4496, 0.5722,
0.3622

 15.4496, 0.5722,
0.3622


 13.8596, 0.6017,
0.3551

 17.5586, 0.5352,
0.3655

 13.2976, 0.6127,
0.3517

 20.2266, 0.4951,
0.3650

 23.4921, 0.4560,
0.3618

 27.3895, 0.4203,
0.3567

 31.9504, 0.3891,
0.3506

■ 37.2042, 0.3625,
0.3443

■ 43.1785, 0.3402,
0.3380

■ 49.8995, 0.3216,
0.3321

■ 57.3919, 0.3062,
0.3266

Harmonies

Analogous

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



15.4496, 0.5297, 0.2855



15.4496, 0.5722, 0.3622



15.4496, 0.5235, 0.4498

Triad

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



15.4496, 0.5722, 0.3622



15.4496, 0.2003, 0.4960



15.4496, 0.1679, 0.1468

Complementary

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



15.4496, 0.5722, 0.3622



27.9410, 0.2100, 0.2653

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.



15.4496, 0.1196, 0.1563



15.4496, 0.5722, 0.3622



15.4496, 0.1296, 0.3229

Square

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



15.4496, 0.5722, 0.3622



15.4496, 0.3093, 0.5903



15.4496, 0.1066, 0.2068



15.4496, 0.2620, 0.1678

Rectangle

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



15.4496, 0.5722, 0.3622



15.4496, 0.4609, 0.5141



15.4496, 0.1066, 0.2068



15.4496, 0.1473, 0.1463

Sweetspot

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



15.4505, 0.5722, 0.3622



66.5160, 0.3646, 0.3448



14.7735, 0.3730, 0.1911



13.8062, 0.3737, 0.3471



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.



15.4505, 0.5722, 0.3622



23.7774, 0.6151, 0.3498



32.4170, 0.4637, 0.4570



10.4432, 0.3283, 0.3343



8.8471, 0.6105, 0.3535



0.4903, 0.5662, 0.3887

Inverse Universe

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



27.9410, 0.2100, 0.2653



45.9668, 0.2033, 0.2519



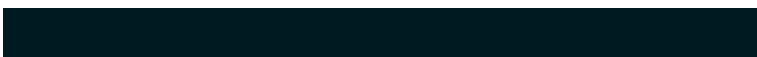
9.1858, 0.1720, 0.1240



11.0253, 0.2984, 0.3236



16.9561, 0.2040, 0.2543



0.8306, 0.2091, 0.2729

Previews

White Background



This preview shows how the Yxy color 15.4496, 0.5722, 0.3622 looks on a white 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

Black Background



This preview shows how the Yxy color 15.4496, 0.5722, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

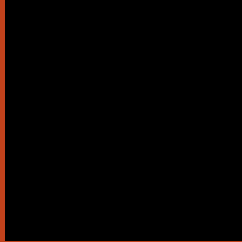
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4496, 0.5722, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 15.4496, 0.5722, 0.3622.



This preview shows how white text looks on a background with the Yxy color 15.4496, 0.5722, 0.3622.

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

15.4496, 0.5722, 0.3622

Protanopia

15.7263, 0.4164, 0.4605

Deuteranopia

15.6786, 0.4703, 0.4648



Tritanopia

15.4290, 0.5328, 0.3264

Trichromacy



Original Color

15.4496, 0.5722, 0.3622

Protanomaly

14.6953, 0.4793, 0.4195

Deuteranomaly

14.9777, 0.5155, 0.4221

Tritanomaly

15.4050, 0.5507, 0.3407

Monochromacy



Original Color

15.4496, 0.5722, 0.3622

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.5422, 0.4132, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4496, 0.5722, 0.3622 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(194, 66, 28)` looks like.

```
.text, #text, p{  
    color:rgb(194, 66, 28)  
}
```

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(194, 66, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 66, 28) }
```

Border

The CSS property to change the border of an element to Yxy 15.4496, 0.5722, 0.3622 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(194, 66, 28) }
```

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

```
.border{ border-color:rgb(194, 66, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 66, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 66, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 66, 28);  
box-shadow:4px 4px 4px 4px rgb(194, 66,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4496, 0.5722, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 66, 28) }
```

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

```
.background{ background-color: rgb(194, 66,  
28) }
```

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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