

Converting Colors

$Yxy(15.9208, 0.6385, 0.3291)$

Have a look what the booklet for
Yxy(15.9208, 0.6385, 0.3291)
contains.

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Color

Yxy(15.8561, 0.6386, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	E00004
RGB	224, 0, 4
RGB Percent	88%, 0%, 2%
CMY	0.1216, 0.9993, 0.9848
CMYK	0.00, 1.00, 0.98, 0.12
HSL	359°, 100%, 44%
HSV	359°, 100%, 88%
XYZ	30.7585, 15.8561, 1.5509
YIQ	67.4320, 132.2200, 48.7320

Conversions

Conversions Part 2

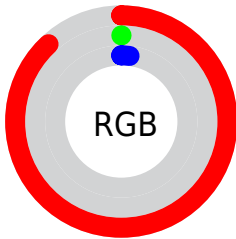
Format	Color
RYB	224, 0, 4
Decimal	14680068
CIELab	46.79, 72.65, 59.77
CIElCh	47, 94.078, 39.443
Yxy	15.8561, 0.6386, 0.3292
Android (android.graphics.Color)	4292870148 (0xFFE00004)
YUV	67.4320, -31.2720, 137.3101
Hunter-Lab	39.8197, 68.1968, 25.5645

Details

The Yxy color **15.8561, 0.6386, 0.3292** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **58.4859, 0.2261, 0.3338**, and the grayscale version is **5.7343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.8778, 0.5588, 0.3534**, and **7.2691, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.8530, 0.6387, 0.3292**, and if you desaturate by 10%, it is **16.5150, 0.6213, 0.3287**.

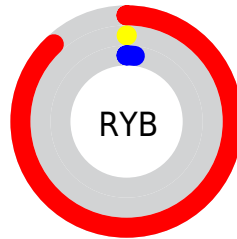
Distribution



Red (88%)

Green (0%)

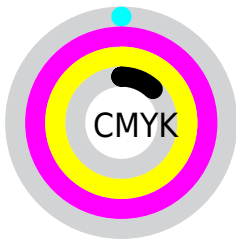
Blue (2%)



Red (88%)

Yellow (0%)

Blue (2%)

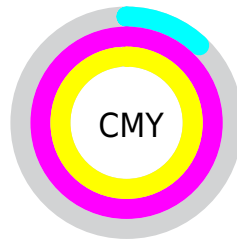


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.8561, 0.6386, 0.3292 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 15.8561, 0.6386, 0.3292 by changing the saturation by 10% instead.

 15.8561, 0.6386,
0.3292


 15.8561, 0.6386,
0.3292

 228.4911, 0.4640,
0.3566


 9.4224, 0.6800,
0.3115


 36.3482, 0.5772,
0.3483


 5.0177, 0.7202,
0.2798

 51.1754, 0.5530,
0.3526


 2.2577, 0.7674,
0.2326

 69.5692, 0.5323,
0.3551

 0.7512, 0.8347,
0.1653

 91.9140, 0.5146,
0.3565


 0.0000, 1.0000,
0.0000


 118.5942, 0.4992,
0.3571

 0.0000, 0.0000,
0.0000

 149.9942, 0.4859,


0.3572

 186.4983, 0.4742,
0.3570


 15.8561, 0.6386,
0.3292

 15.8561, 0.6386,
0.3292


 15.8530, 0.6387,
0.3292

 16.5150, 0.6213,
0.3287

 17.9323, 0.5889,
0.3279

 20.3451, 0.5450,
0.3274

 23.8908, 0.4972,
0.3272

 28.6854, 0.4517,
0.3273

■ 34.8307, 0.4117,
0.3275

■ 42.4178, 0.3785,
0.3279

■ 51.5299, 0.3515,
0.3283

■ 62.2441, 0.3299,
0.3286

Harmonies

Analogous

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



15.8561, 0.5772, 0.2507



15.8561, 0.6386, 0.3292



15.8561, 0.5732, 0.4268

Triad

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



15.8561, 0.6386, 0.3292



15.8561, 0.1760, 0.6035



15.8561, 0.1234, 0.1099

Complementary

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



15.8561, 0.6386, 0.3292



58.4859, 0.2261, 0.3338

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.



15.8561, 0.0790, 0.1229



15.8561, 0.6386, 0.3292



15.8561, 0.0932, 0.3456

Square

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



15.8561, 0.6386, 0.3292



15.8561, 0.3028, 0.6734



15.8561, 0.0684, 0.1837



15.8561, 0.2214, 0.1280

Rectangle

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



15.8561, 0.6386, 0.3292



15.8561, 0.4898, 0.5102



15.8561, 0.0684, 0.1837



15.8561, 0.1040, 0.1105

Sweetspot

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



15.8571, 0.6386, 0.3292



56.5860, 0.3794, 0.3279



20.6401, 0.3167, 0.1519



11.1397, 0.3928, 0.3277



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.



15.8571, 0.6386, 0.3292



21.2693, 0.6389, 0.3293



26.6442, 0.5473, 0.4036



13.7042, 0.3290, 0.3287



9.2307, 0.6382, 0.3289



0.6411, 0.6328, 0.3259

Inverse Universe

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



15.8571, 0.6386, 0.3292



21.2693, 0.6389, 0.3293



17.8291, 0.1782, 0.1615



13.7042, 0.3290, 0.3287



9.2307, 0.6382, 0.3289



0.6411, 0.6328, 0.3259

Previews

White Background



This preview shows how the Yxy color 15.8561, 0.6386, 0.3292 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 15.8561, 0.6386, 0.3292 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 15.8561, 0.6386, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 15.8561, 0.6386, 0.3292.



This preview shows how white text looks on a background with the Yxy color 15.8561, 0.6386, 0.3292.

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

15.8561, 0.6386, 0.3292

Protanopia

16.4110, 0.4271, 0.4711

Deuteranopia

16.2662, 0.4696, 0.4654



Tritanopia

16.0659, 0.6337, 0.3350

Trichromacy



Original Color

15.8561, 0.6386, 0.3292

Protanomaly

12.3666, 0.5446, 0.3883

Deuteranomaly

12.9071, 0.5696, 0.3852

Tritanomaly

15.9780, 0.6363, 0.3325

Monochromacy



Original Color

15.8561, 0.6386, 0.3292

Achromatopsia

5.7805, 0.3127, 0.3290

Achromatomaly

6.2772, 0.5088, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.8561, 0.6386, 0.3292 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(224, 0, 4)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 4)  
}
```

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(224, 0, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 4) }
```

Border

The CSS property to change the border of an element to Yxy 15.8561, 0.6386, 0.3292 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(224, 0, 4) }
```

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

```
.border{ border-color:rgb(224, 0, 4) }
```

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

Here you see how a box with a 4 pixel rgb(224, 0, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(224, 0, 4); box-shadow:4px  
4px 4px 4px rgb(224, 0, 4) }
```


Background

The CSS property to change the background color of an element to Yxy 15.8561, 0.6386, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 4) }
```

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

```
.background{ background-color: rgb(224, 0,  
4) }
```

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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