

Converting Colors

$Yxy(15.9906, 0.6270, 0.3228)$

Have a look what the booklet for
Yxy(15.9906, 0.6270, 0.3228)
contains.

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Color

Yxy(15.9264, 0.6270, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	E0001B
RGB	224, 0, 27
RGB Percent	88%, 0%, 11%
CMY	0.1216, 0.9994, 0.8944
CMYK	0.00, 1.00, 0.88, 0.12
HSL	353°, 100%, 44%
HSV	353°, 100%, 88%
XYZ	30.9351, 15.9264, 2.4768
YIQ	70.0540, 124.8370, 55.8850

Conversions

Conversions Part 2

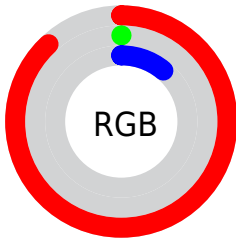
Format	Color
RYB	224, 0, 27
Decimal	14680091
CIELab	46.88, 72.91, 51.74
CIELCh	47, 89.403, 35.363
Yxy	15.9264, 0.6270, 0.3228
Android (android.graphics.Color)	4292870171 (0xFFE0001B)
YUV	70.0540, -21.2256, 135.0106
Hunter-Lab	39.9079, 68.5277, 24.2558

Details

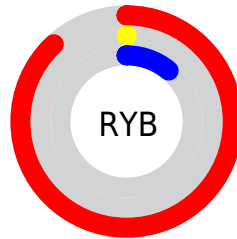
The Yxy color **15.9264, 0.6270, 0.3228** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **57.3461, 0.2353, 0.3672**, and the grayscale version is **6.1679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.0667, 0.5436, 0.3425**, and **7.2691, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **15.9236, 0.6271, 0.3228**, and if you desaturate by 10%, it is **16.6428, 0.6021, 0.3177**.

Distribution



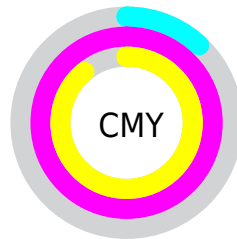
- Red (88%)
- Green (0%)
- Blue (11%)



- Red (88%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (88%)
- Black (12%)



- Cyan (12%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9264, 0.6270, 0.3228 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 15.9264, 0.6270, 0.3228 by changing the saturation by 10% instead.


 15.9264, 0.6270,
0.3228


 15.9264, 0.6270,
0.3228


228.9070, 0.4541,
0.3487


 9.4721, 0.6678,
0.3055


 36.4704, 0.5640,
0.3399


 5.0504, 0.7205,
0.2795

 51.3288, 0.5400,
0.3439


 2.2768, 0.7675,
0.2325

 69.7575, 0.5197,
0.3463

 0.7614, 0.8344,
0.1656

 92.1407, 0.5025,
0.3477


 0.0000, 1.0000,
0.0000


 118.8628, 0.4877,
0.3485


 0.0000, 0.0000,
0.0000


 150.3084, 0.4750,


0.3488


 186.8616, 0.4639,
0.3489

 15.9264, 0.6270,
0.3228


 15.9264, 0.6270,
0.3228


 15.9236, 0.6271,
0.3228

 16.6428, 0.6021,
0.3177

 18.1158, 0.5655,
0.3136

 20.5742, 0.5219,
0.3117

 24.1512, 0.4775,
0.3120

 28.9593, 0.4365,
0.3138

■ 35.0975, 0.4010,
0.3165

■ 42.6543, 0.3715,
0.3197

■ 51.7109, 0.3475,
0.3229

■ 62.3422, 0.3282,
0.3261

Harmonies

Analogous

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



15.9264, 0.5456, 0.2448



15.9264, 0.6270, 0.3228



15.9264, 0.5832, 0.4168

Triad

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



15.9264, 0.6270, 0.3228



15.9264, 0.1997, 0.6120



15.9264, 0.1208, 0.1161

Complementary

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



15.9264, 0.6270, 0.3228



57.3461, 0.2353, 0.3672

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.



15.9264, 0.0819, 0.1344



15.9264, 0.6270, 0.3228



15.9264, 0.1087, 0.3776

Square

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



15.9264, 0.6270, 0.3228



15.9264, 0.3273, 0.6501



15.9264, 0.0761, 0.2049



15.9264, 0.2085, 0.1299

Rectangle

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



15.9264, 0.6270, 0.3228



15.9264, 0.5070, 0.4930



15.9264, 0.0761, 0.2049



15.9264, 0.1036, 0.1182

Sweetspot

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



15.9274, 0.6270, 0.3228



56.9161, 0.3723, 0.3196



16.8726, 0.2871, 0.1355



11.2146, 0.3842, 0.3182



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.



15.9274, 0.6270, 0.3228



21.3564, 0.6282, 0.3234



21.9139, 0.5809, 0.3769



13.7271, 0.3273, 0.3262



9.2786, 0.6247, 0.3215



0.6521, 0.5918, 0.3034

Inverse Universe

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



15.9274, 0.6270, 0.3228



21.3564, 0.6282, 0.3234



24.7024, 0.1897, 0.2027



13.7271, 0.3273, 0.3262



9.2786, 0.6247, 0.3215



0.6521, 0.5918, 0.3034

Previews

White Background



This preview shows how the Yxy color 15.9264, 0.6270, 0.3228 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 15.9264, 0.6270, 0.3228 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 15.9264, 0.6270, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 15.9264, 0.6270, 0.3228.



This preview shows how white text looks on a background with the Yxy color 15.9264, 0.6270, 0.3228.

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

15.9264, 0.6270, 0.3228

Protanopia

16.4511, 0.4110, 0.4501

Deuteranopia

16.3550, 0.4709, 0.4643



Tritanopia

16.1883, 0.6342, 0.3346

Trichromacy



Original Color

15.9264, 0.6270, 0.3228

Protanomaly

12.4693, 0.5245, 0.3716

Deuteranomaly

12.9268, 0.5655, 0.3820

Tritanomaly

15.9977, 0.6330, 0.3306

Monochromacy



Original Color

15.9264, 0.6270, 0.3228

Achromatopsia

6.1246, 0.3127, 0.3290

Achromatomaly

6.5787, 0.4859, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9264, 0.6270, 0.3228 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, 27)` looks like.

```
.text, #text, p{  
    color:rgb(224, 0, 27)  
}
```

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, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 27) }
```

Border

The CSS property to change the border of an element to Yxy 15.9264, 0.6270, 0.3228 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, 27) }
```

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

```
.border{ border-color:rgb(224, 0, 27) }
```

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, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 27);  
box-shadow:4px 4px 4px 4px rgb(224, 0, 27)  
}
```


Background

The CSS property to change the background color of an element to Yxy 15.9264, 0.6270, 0.3228 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, 27) }
```

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

```
.background{ background-color: rgb(224, 0,  
27) }
```

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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