

Converting Colors

$Yxy(15.0541, 0.6267, 0.3322)$

Have a look what the booklet for
Yxy(15.0541, 0.6267, 0.3322)
contains.

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Color

Yxy(15.0554, 0.6267, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	D7160F
RGB	215, 22, 15
RGB Percent	84%, 9%, 6%
CMY	0.1568, 0.9139, 0.9410
CMYK	0.00, 0.90, 0.93, 0.16
HSL	2°, 87%, 45%
HSV	2°, 93%, 84%
XYZ	28.4022, 15.0554, 1.8627
YIQ	78.9090, 117.2750, 38.7390

Conversions

Conversions Part 2

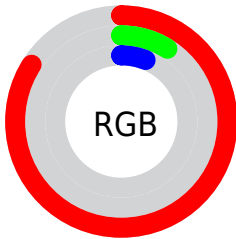
Format	Color
RYB	215, 22, 15
Decimal	14095887
CIELab	45.71, 68.29, 54.86
CIElCh	46, 87.596, 38.779
Yxy	15.0554, 0.6267, 0.3322
Android (android.graphics.Color)	4292285967 (0xFFD7160F)
YUV	78.9090, -31.5071, 119.3518
Hunter-Lab	38.8013, 62.7583, 24.3147

Details

The Yxy color **15.0554, 0.6267, 0.3322** 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 **50.1810, 0.2227, 0.3189**, and the grayscale version is **7.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.6356, 0.5500, 0.3531**, and **6.4840, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **14.6111, 0.6380, 0.3316**, and if you desaturate by 10%, it is **16.2871, 0.5984, 0.3337**.

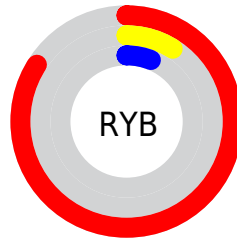
Distribution



Red (84%)

Green (9%)

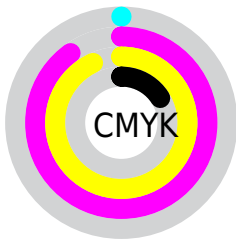
Blue (6%)



Red (84%)

Yellow (9%)

Blue (6%)

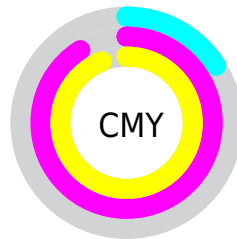


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (16%)



Cyan (16%)


Magenta (91%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.0554, 0.6267, 0.3322 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 15.0554, 0.6267, 0.3322 by changing the saturation by 10% instead.


 15.0554, 0.6267,
0.3322


 15.0554, 0.6267,
0.3322


223.7013, 0.4544,
0.3549


 8.8583, 0.6681,
0.3153


 34.9503, 0.5645,
0.3490


 4.6489, 0.7140,
0.2860

 49.4169, 0.5405,
0.3526


 2.0427, 0.7622,
0.2378

 67.4088, 0.5202,
0.3545

 0.6321, 0.8361,
0.1639

 89.3104, 0.5030,
0.3555


 0.0000, 1.0000,
0.0000

 115.5060, 0.4882,
0.3558

 0.0000, 0.0000,
0.0000


 146.3801, 0.4753,

0.3557

 182.3171, 0.4642,
0.3554

 15.0554, 0.6267,
0.3322

 15.0554, 0.6267,
0.3322

 14.6111, 0.6380,
0.3316


 16.2871, 0.5984,
0.3337

 18.3627, 0.5573,
0.3345


 21.3983, 0.5105,
0.3346

 25.4908, 0.4644,
0.3341

 30.7258, 0.4231,
0.3333

 37.1796, 0.3881,
0.3323

 44.9223, 0.3594,
0.3312

 54.0185, 0.3362,
0.3302

 64.5285, 0.3176,
0.3293

Harmonies

Analogous

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



15.0554, 0.5616, 0.2537



15.0554, 0.6267, 0.3322



15.0554, 0.5713, 0.4287

Triad

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



15.0554, 0.6267, 0.3322



15.0554, 0.1869, 0.5907



15.0554, 0.1281, 0.1163

Complementary

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



15.0554, 0.6267, 0.3322



50.1810, 0.2227, 0.3189

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.



15.0554, 0.0848, 0.1305



15.0554, 0.6267, 0.3322



15.0554, 0.1025, 0.3515

Square

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



15.0554, 0.6267, 0.3322



15.0554, 0.3118, 0.6561



15.0554, 0.0753, 0.1930



15.0554, 0.2228, 0.1336

Rectangle

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



15.0554, 0.6267, 0.3322



15.0554, 0.4925, 0.5075



15.0554, 0.0753, 0.1930



15.0554, 0.1091, 0.1173

Sweetspot

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



15.0564, 0.6267, 0.3322



59.8481, 0.3737, 0.3318



19.3646, 0.3288, 0.1606



11.7920, 0.3869, 0.3322



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.



15.0564, 0.6267, 0.3322



21.4509, 0.6384, 0.3313



28.3300, 0.5195, 0.4200



12.4887, 0.3290, 0.3299



8.7690, 0.6373, 0.3322



0.5536, 0.6288, 0.3389

Inverse Universe

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



50.1810, 0.2227, 0.3189



73.2565, 0.2217, 0.3180



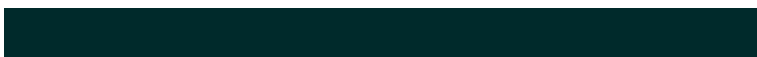
15.8121, 0.1785, 0.1580



14.0310, 0.2983, 0.3281



29.8295, 0.2217, 0.3183



1.8227, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 15.0554, 0.6267, 0.3322 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



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 15.0554, 0.6267, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 15.0554, 0.6267, 0.3322.



This preview shows how white text looks on a background with the Yxy color 15.0554, 0.6267, 0.3322.

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

15.0554, 0.6267, 0.3322

Protanopia

15.4783, 0.4218, 0.4652

Deuteranopia

15.3039, 0.4694, 0.4655



Tritanopia

15.0526, 0.6272, 0.3325

Trichromacy



Original Color

15.0554, 0.6267, 0.3322

Protanomaly

12.5958, 0.5227, 0.3958

Deuteranomaly

13.0155, 0.5530, 0.3954

Tritanomaly

15.0526, 0.6272, 0.3325

Monochromacy



Original Color

15.0554, 0.6267, 0.3322

Achromatopsia

7.8187, 0.3127, 0.3290

Achromatomaly

7.9008, 0.4694, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0554, 0.6267, 0.3322 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(215, 22, 15)` looks like.

```
.text, #text, p{  
    color:rgb(215, 22, 15)  
}
```

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(215, 22, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 22, 15) }
```

Border

The CSS property to change the border of an element to Yxy 15.0554, 0.6267, 0.3322 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(215, 22, 15) }
```

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

```
.border{ border-color:rgb(215, 22, 15) }
```

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

Here you see how a box with a 4 pixel rgb(215, 22, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 22, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 22, 15);  
box-shadow:4px 4px 4px 4px rgb(215, 22,  
15) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0554, 0.6267, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 22, 15) }
```

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

```
.background{ background-color: rgb(215, 22,  
15) }
```

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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