

Converting Colors

$Yxy(18.2766, 0.6218, 0.3226)$

Have a look what the booklet for
Yxy(18.2766, 0.6218, 0.3226)
contains.

Yxy(18.3154, 0.6215, 0.3224)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.3154, 0.6215, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	ED0922
RGB	237, 9, 34
RGB Percent	93%, 4%, 13%
CMY	0.0707, 0.9639, 0.8667
CMYK	0.00, 0.96, 0.86, 0.07
HSL	353°, 93%, 48%
HSV	353°, 96%, 93%
XYZ	35.3071, 18.3154, 3.1870
YIQ	80.0220, 127.8630, 56.1110

Conversions

Conversions Part 2

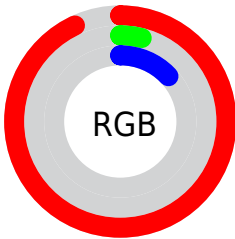
Format	Color
R_{YB}	237, 9, 34
Decimal	15534370
CIE _{Lab}	49.88, 75.48, 51.94
CIE _{LCh}	50, 91.624, 34.536
Yxy	18.3154, 0.6215, 0.3224
Android (android.graphics.Color)	4293724450 (0xFFED0922)
YUV	80.0220, -22.6888, 137.6697
Hunter-Lab	42.7965, 72.3688, 25.5423

Details

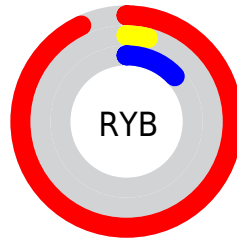
The Yxy color **18.3154, 0.6215, 0.3224** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **65.3804, 0.2344, 0.3622**, and the grayscale version is **8.0755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.0385, 0.5322, 0.3415**, and **8.6579, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **18.0751, 0.6293, 0.3240**, and if you desaturate by 10%, it is **19.3603, 0.5929, 0.3175**.

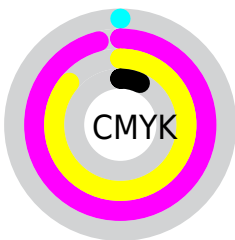
Distribution



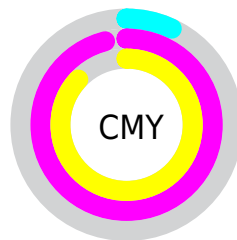
- Red (93%)
- Green (4%)
- Blue (13%)



- Red (93%)
- Yellow (4%)
- Blue (13%)



- Cyan (0%)
- Magenta (96%)
- Yellow (86%)
- Black (7%)





- Cyan (7%)
- Magenta (96%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3154, 0.6215, 0.3224 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 18.3154, 0.6215, 0.3224 by changing the saturation by 10% instead.


 18.3154, 0.6215,
0.3224


 18.3154, 0.6215,
0.3224


242.6428, 0.4542,
0.3472


 11.1767, 0.6606,
0.3068


 40.5740, 0.5610,
0.3383


 6.1858, 0.7149,
0.2851

 56.4627, 0.5378,
0.3421

 2.9584, 0.7580,
0.2420

 76.0368, 0.5182,
0.3445


 1.1100, 0.8175,
0.1825

 99.6808, 0.5015,
0.3459

 0.0000, 1.0000,
0.0000


 127.7790, 0.4871,
0.3467


 0.0000, 0.0000,
0.0000


 160.7158, 0.4747,

0.3471

 198.8756, 0.4638,
0.3473

 18.3154, 0.6215,
0.3224


 18.3154, 0.6215,
0.3224


 18.0751, 0.6293,
0.3240

 19.3603, 0.5929,
0.3175

 21.4128, 0.5531,
0.3144

 24.6514, 0.5082,
0.3133

 29.2195, 0.4640,
0.3141

 35.2402, 0.4242,
0.3161

■ 42.8225, 0.3904,
0.3187

■ 52.0650, 0.3626,
0.3216

■ 63.0581, 0.3401,
0.3246

■ 75.8858, 0.3220,
0.3274

Harmonies

Analogous

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



18.3154, 0.5368, 0.2446



18.3154, 0.6215, 0.3224



18.3154, 0.5809, 0.4139

Triad

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



18.3154, 0.6215, 0.3224



18.3154, 0.2061, 0.6091



18.3154, 0.1218, 0.1188

Complementary

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



18.3154, 0.6215, 0.3224



65.3804, 0.2344, 0.3622

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.



18.3154, 0.0840, 0.1383



18.3154, 0.6215, 0.3224



18.3154, 0.1138, 0.3835

Square

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



18.3154, 0.6215, 0.3224



18.3154, 0.3326, 0.6416



18.3154, 0.0793, 0.2107



18.3154, 0.2072, 0.1317

Rectangle

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



18.3154, 0.6215, 0.3224



18.3154, 0.5100, 0.4900



18.3154, 0.0793, 0.2107



18.3154, 0.1049, 0.1212

Sweetspot

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



18.3166, 0.6215, 0.3224



58.0065, 0.3703, 0.3208



20.0746, 0.2924, 0.1395



11.4181, 0.3823, 0.3195



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.



18.3166, 0.6215, 0.3224



21.3427, 0.6298, 0.3243



26.4817, 0.5682, 0.3838



15.0807, 0.3276, 0.3265



9.8793, 0.6269, 0.3227



0.7846, 0.5992, 0.3075

Inverse Universe

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



18.3166, 0.6215, 0.3224



21.3427, 0.6298, 0.3243



27.8787, 0.1899, 0.2017



15.0807, 0.3276, 0.3265



9.8793, 0.6269, 0.3227



0.7846, 0.5992, 0.3075

Previews

White Background



This preview shows how the Yxy color 18.3154, 0.6215, 0.3224 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 18.3154, 0.6215, 0.3224 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 18.3154, 0.6215, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 18.3154, 0.6215, 0.3224.



This preview shows how white text looks on a background with the Yxy color 18.3154, 0.6215, 0.3224.

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

18.3154, 0.6215, 0.3224

Protanopia

18.7050, 0.4047, 0.4426

Deuteranopia

18.7100, 0.4708, 0.4644



Tritanopia

18.3692, 0.6345, 0.3344

Trichromacy



Original Color

18.3154, 0.6215, 0.3224

Protanomaly

14.6086, 0.5132, 0.3712

Deuteranomaly

15.2627, 0.5606, 0.3857

Tritanomaly

18.2603, 0.6320, 0.3311

Monochromacy



Original Color

18.3154, 0.6215, 0.3224

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.3156, 0.4730, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3154, 0.6215, 0.3224 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(237, 9, 34)` looks like.

```
.text, #text, p{  
    color:rgb(237, 9, 34)  
}
```

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(237, 9, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 9, 34) }
```

Border

The CSS property to change the border of an element to Yxy 18.3154, 0.6215, 0.3224 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(237, 9, 34) }
```

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

```
.border{ border-color:rgb(237, 9, 34) }
```

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

Here you see how a box with a 4 pixel rgb(237, 9, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 9, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 9, 34);  
box-shadow:4px 4px 4px 4px rgb(237, 9, 34)  
}
```


Background

The CSS property to change the background color of an element to Yxy 18.3154, 0.6215, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 9, 34) }
```

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

```
.background{ background-color: rgb(237, 9,  
34) }
```

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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