

Converting Colors

$Yxy(19.4794, 0.6289, 0.3258)$

Have a look what the booklet for
Yxy(19.4794, 0.6289, 0.3258)
contains.

Yxy(19.4552, 0.6290, 0.3258)	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(19.4552, 0.6290, 0.3258)

Conversions

Conversions Part 1

Format	Color
Hex	F40719
RGB	244, 7, 25
RGB Percent	96%, 3%, 10%
CMY	0.0431, 0.9724, 0.9017
CMYK	0.00, 0.97, 0.90, 0.04
HSL	355°, 94%, 49%
HSV	355°, 97%, 96%
XYZ	37.5608, 19.4552, 2.6991
YIQ	79.9150, 135.4740, 55.8420

Conversions

Conversions Part 2

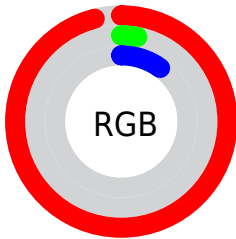
Format	Color
RYB	244, 7, 25
Decimal	15992601
CIELab	51.22, 77.20, 57.57
CIElCh	51, 96.301, 36.716
Yxy	19.4552, 0.6290, 0.3258
Android (android.graphics.Color)	4294182681 (0xFFFF40719)
YUV	79.9150, -27.0731, 143.9025
Hunter-Lab	44.1080, 74.8151, 27.2475

Details

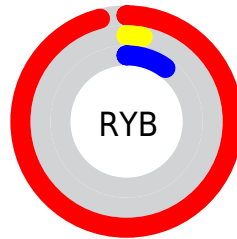
The Yxy color **19.4552, 0.6290, 0.3258** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark saturated red. A complement of this color would be **70.2365, 0.2314, 0.3522**, and the grayscale version is **8.0437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.1202, 0.5387, 0.3478**, and **9.3471, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **19.2789, 0.6338, 0.3265**, and if you desaturate by 10%, it is **20.4462, 0.6041, 0.3222**.

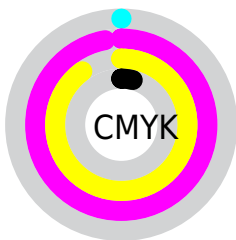
Distribution



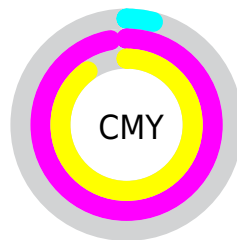
- Red (96%)
- Green (3%)
- Blue (10%)



- Red (96%)
- Yellow (3%)
- Blue (10%)



- Cyan (0%)
- Magenta (97%)
- Yellow (90%)
- Black (4%)





- Cyan (4%)
- Magenta (97%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4552, 0.6290, 0.3258 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 19.4552, 0.6290, 0.3258 by changing the saturation by 10% instead.


 19.4552, 0.6290,
0.3258


 19.4552, 0.6290,
0.3258


248.9503, 0.4617,
0.3514


 11.9997, 0.6661,
0.3096


 42.5019, 0.5699,
0.3424


 6.7434, 0.7138,
0.2862

 58.8618, 0.5468,
0.3464


 3.3022, 0.7554,
0.2446

 78.9586, 0.5271,
0.3489

 1.2915, 0.8125,
0.1875

 103.1768, 0.5101,
0.3504

 0.1346, 0.9515,
0.0485

 131.9006, 0.4955,
0.3511


 0.0000, 1.0000,
0.0000


 165.5146, 0.4827,


 0.0000, 0.0000,


0.3515


0.0000


 204.4030, 0.4715,
0.3516


 19.4552, 0.6290,
0.3258


 19.4552, 0.6290,
0.3258

 19.2789, 0.6338,
0.3265

 20.4462, 0.6041,
0.3222

 22.4894, 0.5659,
0.3196

 25.7895, 0.5205,
0.3184

 30.5048, 0.4746,
0.3187

 36.7707, 0.4327,
0.3199

■ 44.7066, 0.3968,
0.3217

■ 54.4204, 0.3672,
0.3237

■ 66.0107, 0.3432,
0.3257

■ 79.5690, 0.3240,
0.3277

Harmonies

Analogous

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



19.4552, 0.5539, 0.2477



19.4552, 0.6290, 0.3258



19.4552, 0.5792, 0.4208

Triad

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



19.4552, 0.6290, 0.3258



19.4552, 0.1933, 0.6067



19.4552, 0.1227, 0.1151

Complementary

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



19.4552, 0.6290, 0.3258



70.2365, 0.2314, 0.3522

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.



19.4552, 0.0820, 0.1317



19.4552, 0.6290, 0.3258



19.4552, 0.1049, 0.3671

Square

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



19.4552, 0.6290, 0.3258



19.4552, 0.3198, 0.6541



19.4552, 0.0746, 0.1989



19.4552, 0.2134, 0.1303

Rectangle

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



19.4552, 0.6290, 0.3258



19.4552, 0.5014, 0.4986



19.4552, 0.0746, 0.1989



19.4552, 0.1047, 0.1167

Sweetspot

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



19.4565, 0.6290, 0.3258



57.9022, 0.3725, 0.3233



22.5722, 0.3003, 0.1435



11.3942, 0.3849, 0.3224



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.



19.4565, 0.6290, 0.3258



21.3084, 0.6340, 0.3266



29.5091, 0.5615, 0.3901



16.5030, 0.3282, 0.3272



10.4901, 0.6319, 0.3255



0.9289, 0.6130, 0.3150

Inverse Universe

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



19.4565, 0.6290, 0.3258



21.3084, 0.6340, 0.3266



26.9085, 0.1861, 0.1883



16.5030, 0.3282, 0.3272



10.4901, 0.6319, 0.3255



0.9289, 0.6130, 0.3150

Previews

White Background



This preview shows how the Yxy color 19.4552, 0.6290, 0.3258 looks on a white background.

Color Contrast Check

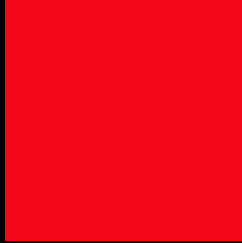
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 19.4552, 0.6290, 0.3258 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 19.4552, 0.6290, 0.3258

Background



This preview shows how black text looks on a background with the Yxy color 19.4552, 0.6290, 0.3258.



This preview shows how white text looks on a background with the Yxy color 19.4552, 0.6290, 0.3258.

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

19.4552, 0.6290, 0.3258

Protanopia

19.7664, 0.4173, 0.4568

Deuteranopia

19.7905, 0.4709, 0.4643



Tritanopia

19.6285, 0.6345, 0.3344

Trichromacy



Original Color

19.4552, 0.6290, 0.3258

Protanomaly

15.3719, 0.5294, 0.3799

Deuteranomaly

16.0188, 0.5638, 0.3853

Tritanomaly

19.4753, 0.6335, 0.3315

Monochromacy



Original Color

19.4552, 0.6290, 0.3258

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.4479, 0.4855, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4552, 0.6290, 0.3258 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(244, 7, 25)` looks like.

```
.text, #text, p{  
  color:rgb(244, 7, 25)  
}
```

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(244, 7, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 7, 25) }
```

Border

The CSS property to change the border of an element to Yxy 19.4552, 0.6290, 0.3258 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(244, 7, 25) }
```

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

```
.border{ border-color:rgb(244, 7, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 7, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 7, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 7, 25);  
box-shadow:4px 4px 4px 4px rgb(244, 7, 25)  
}
```


Background

The CSS property to change the background color of an element to Yxy 19.4552, 0.6290, 0.3258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 7, 25) }
```

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

```
.background{ background-color: rgb(244, 7,  
25) }
```

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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