

Converting Colors

$Yxy(19.0617, 0.6281, 0.3303)$

Have a look what the booklet for
Yxy(19.0617, 0.6281, 0.3303)
contains.

Yxy(19.1086, 0.6282, 0.3305)	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(19.1086, 0.6282, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	F01513
RGB	240, 21, 19
RGB Percent	94%, 8%, 7%
CMY	0.0588, 0.9175, 0.9257
CMYK	0.00, 0.91, 0.92, 0.06
HSL	1°, 88%, 51%
HSV	1°, 92%, 94%
XYZ	36.3208, 19.1086, 2.3879
YIQ	86.2530, 131.1660, 45.8060

Conversions

Conversions Part 2

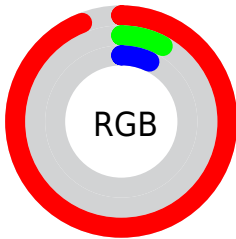
Format	Color
R_{YB}	240, 21, 19
Decimal	15734035
CIE _{Lab}	50.81, 74.84, 59.21
CIE _{LCh}	51, 95.436, 38.351
Yxy	19.1086, 0.6282, 0.3305
Android (android.graphics.Color)	4293924115 (0xFFFF01513)
YUV	86.2530, -33.1557, 134.8361
Hunter-Lab	43.7134, 71.8145, 27.3606

Details

The Yxy color **19.1086, 0.6282, 0.3305** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **67.5283, 0.2248, 0.3261**, and the grayscale version is **9.4171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.4250, 0.5419, 0.3532**, and **8.8842, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **18.5745, 0.6396, 0.3304**, and if you desaturate by 10%, it is **20.5617, 0.6002, 0.3309**.

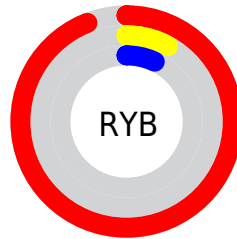
Distribution



Red (94%)

Green (8%)

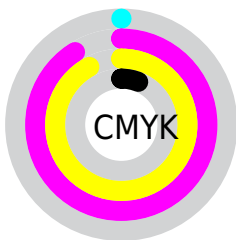
Blue (7%)



Red (94%)

Yellow (8%)

Blue (7%)

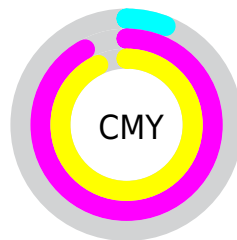


Cyan (0%)

Magenta (91%)

Yellow (92%)

Black (6%)



Cyan (6%)


Magenta (92%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1086, 0.6282, 0.3305 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 19.1086, 0.6282, 0.3305 by changing the saturation by 10% instead.


 19.1086, 0.6282,
0.3305


 19.1086, 0.6282,
0.3305


247.0476, 0.4617,
0.3545


 11.7488, 0.6648,
0.3143


 41.9175, 0.5697,
0.3469


 6.5729, 0.7100,
0.2900


 58.1354, 0.5467,
0.3507


 3.1964, 0.7518,
0.2482

 78.0748, 0.5271,
0.3529

 1.2351, 0.8095,
0.1905

 102.1200, 0.5101,
0.3542

 0.0901, 0.9643,
0.0357

 130.6555, 0.4955,
0.3547


 0.0000, 1.0000,
0.0000


 164.0657, 0.4827,


 0.0000, 0.0000,

0.3549


0.0000


 202.7350, 0.4716,
0.3548


 19.1086, 0.6282,
0.3305


 19.1086, 0.6282,
0.3305


 18.5745, 0.6396,
0.3304

 20.5617, 0.6002,
0.3309


 23.1352, 0.5587,
0.3310

 26.9961, 0.5109,
0.3309

 32.2829, 0.4639,
0.3307

 39.1161, 0.4219,
0.3304

 47.6036, 0.3866,
0.3300

 57.8435, 0.3577,
0.3297

 69.9263, 0.3346,
0.3294

 83.9363, 0.3161,
0.3291

Harmonies

Analogous

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



19.1086, 0.5610, 0.2521



19.1086, 0.6282, 0.3305



19.1086, 0.5733, 0.4267

Triad

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



19.1086, 0.6282, 0.3305



19.1086, 0.1875, 0.5954



19.1086, 0.1264, 0.1155

Complementary

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



19.1086, 0.6282, 0.3305



67.5283, 0.2248, 0.3261

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.



19.1086, 0.0837, 0.1302



19.1086, 0.6282, 0.3305



19.1086, 0.1024, 0.3547

Square

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



19.1086, 0.6282, 0.3305



19.1086, 0.3128, 0.6565



19.1086, 0.0746, 0.1936



19.1086, 0.2205, 0.1324

Rectangle

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



19.1086, 0.6282, 0.3305



19.1086, 0.4944, 0.5056



19.1086, 0.0746, 0.1936



19.1086, 0.1077, 0.1166

Sweetspot

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



19.1098, 0.6282, 0.3305



59.0988, 0.3743, 0.3299



25.2806, 0.3208, 0.1563



11.6208, 0.3876, 0.3300



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.



19.1098, 0.6282, 0.3305



21.3122, 0.6396, 0.3303



34.3982, 0.5278, 0.4129



15.7827, 0.3293, 0.3293



10.1786, 0.6394, 0.3305



0.8551, 0.6375, 0.3320

Inverse Universe

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



67.5283, 0.2248, 0.3261



77.2142, 0.2238, 0.3258



22.2553, 0.1816, 0.1691



17.9019, 0.2981, 0.3287



36.8455, 0.2239, 0.3259



3.0734, 0.2240, 0.3263

Previews

White Background



This preview shows how the Yxy color 19.1086, 0.6282, 0.3305 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 19.1086, 0.6282, 0.3305 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 19.1086, 0.6282, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 19.1086, 0.6282, 0.3305.



This preview shows how white text looks on a background with the Yxy color 19.1086, 0.6282, 0.3305.

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

19.1086, 0.6282, 0.3305

Protanopia

19.3906, 0.4218, 0.4631

Deuteranopia

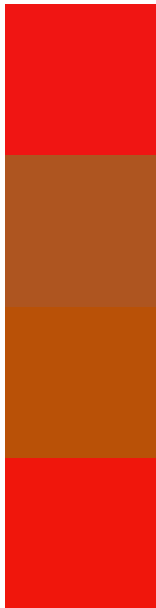
19.3608, 0.4700, 0.4650



Tritanopia

19.1166, 0.6319, 0.3331

Trichromacy



Original Color

19.1086, 0.6282, 0.3305

Protanomaly

15.6000, 0.5263, 0.3916

Deuteranomaly

16.2145, 0.5563, 0.3924

Tritanomaly

19.1256, 0.6307, 0.3324

Monochromacy



Original Color

19.1086, 0.6282, 0.3305

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.5438, 0.4746, 0.3295

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1086, 0.6282, 0.3305 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(240, 21, 19)` looks like.

```
.text, #text, p{
  color:rgb(240, 21, 19)
}
```

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(240, 21, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 21, 19) }
```

Border

The CSS property to change the border of an element to Yxy 19.1086, 0.6282, 0.3305 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(240, 21, 19) }
```

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

```
.border{ border-color:rgb(240, 21, 19) }
```

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

Here you see how a box with a 4 pixel rgb(240, 21, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 21, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 21, 19);  
box-shadow:4px 4px 4px 4px rgb(240, 21,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1086, 0.6282, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 21, 19) }
```

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

```
.background{ background-color: rgb(240, 21,  
19) }
```

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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