

Converting Colors

Yxy(20.1491, 0.5877, 0.3074)

Have a look what the booklet for
Yxy(20.1491, 0.5877, 0.3074)
contains.

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Color

Yxy(20.1511, 0.5879, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	F41541
RGB	244, 21, 65
RGB Percent	96%, 8%, 25%
CMY	0.0432, 0.9172, 0.7452
CMYK	0.00, 0.91, 0.73, 0.04
HSL	348°, 91%, 52%
HSV	348°, 91%, 96%
XYZ	38.5263, 20.1511, 6.8547
YIQ	92.6930, 118.7840, 60.9600

Conversions

Conversions Part 2

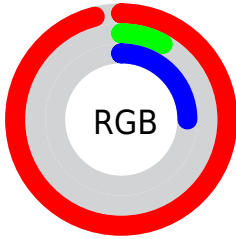
Format	Color
R _Y B	244, 21, 65
Decimal	15996225
CIE Lab	52.01, 76.90, 37.69
CIE LCh	52, 85.640, 26.112
Yxy	20.1511, 0.5879, 0.3075
Android (android.graphics.Color)	4294186305 (0xFFFF41541)
YUV	92.6930, -13.6526, 132.6962
Hunter-Lab	44.8900, 74.6380, 22.3695

Details

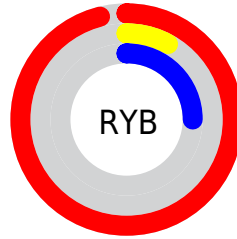
The Yxy color **20.1511, 0.5879, 0.3075** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **69.0300, 0.2423, 0.3880**, and the grayscale version is **10.8970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.5666, 0.4903, 0.3173**, and **9.6456, 0.6233, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **19.4440, 0.6119, 0.3144**, and if you desaturate by 10%, it is **21.7957, 0.5517, 0.3015**.

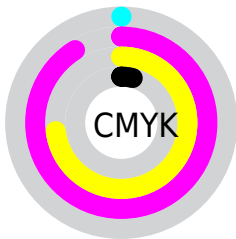
Distribution



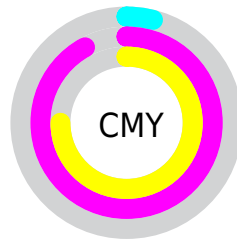
- Red (96%)
- Green (8%)
- Blue (25%)



- Red (96%)
- Yellow (8%)
- Blue (25%)



- Cyan (0%)
- Magenta (91%)
- Yellow (73%)
- Black (4%)





- Cyan (4%)
- Magenta (92%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.1511, 0.5879, 0.3075 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 20.1511, 0.5879, 0.3075 by changing the saturation by 10% instead.


 20.1511, 0.5879,
0.3075


 20.1511, 0.5879,
0.3075


252.7319, 0.4357,
0.3326


 12.5049, 0.6271,
0.2951


 43.6704, 0.5307,
0.3209

 7.0885, 0.6759,
0.2756


 60.3123, 0.5096,
0.3246


 3.5175, 0.7500,
0.2487

 80.7215, 0.4920,
0.3272

 1.4075, 0.8066,
0.1934

 105.2825, 0.4772,
0.3291

 0.2223, 0.9266,
0.0734

 134.3796, 0.4645,
0.3304

 0.0000, 1.0000,
0.0000


 168.3973, 0.4536,


 0.0000, 0.0000,


0.3314

0.0000


207.7200, 0.4441,
0.3321

 20.1511, 0.5879,
0.3075

 20.1511, 0.5879,
0.3075

 19.4440, 0.6119,
0.3144

 21.7957, 0.5517,
0.3015

 24.6026, 0.5104,
0.2990

 28.7404, 0.4690,
0.2998

 34.3490, 0.4308,
0.3029

 41.5504, 0.3978,
0.3075

■ 50.4540, 0.3702,
0.3128

■ 61.1593, 0.3476,
0.3182

■ 73.7582, 0.3293,
0.3234

■ 88.3363, 0.3145,
0.3284

Harmonies

Analogous

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



20.1511, 0.4755, 0.2322



20.1511, 0.5879, 0.3075



20.1511, 0.5836, 0.3904

Triad

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



20.1511, 0.5879, 0.3075



20.1511, 0.2519, 0.6098



20.1511, 0.1190, 0.1330

Complementary

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



20.1511, 0.5879, 0.3075



69.0300, 0.2423, 0.3880

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.



20.1511, 0.0918, 0.1647



20.1511, 0.5879, 0.3075



20.1511, 0.1487, 0.4399

Square

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



20.1511, 0.5879, 0.3075



20.1511, 0.3759, 0.5976



20.1511, 0.0980, 0.2568



20.1511, 0.1869, 0.1368

Rectangle

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



20.1511, 0.5879, 0.3075



20.1511, 0.5325, 0.4572



20.1511, 0.0980, 0.2568



20.1511, 0.1062, 0.1389

Sweetspot

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



20.1524, 0.5879, 0.3075



60.5970, 0.3599, 0.3151



19.2698, 0.2744, 0.1314



12.1397, 0.3680, 0.3132



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.



20.1524, 0.5879, 0.3075



21.4918, 0.6124, 0.3147



26.2606, 0.5780, 0.3708



16.5358, 0.3263, 0.3244



10.5891, 0.6084, 0.3125



0.9446, 0.5754, 0.2943

Inverse Universe

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



20.1524, 0.5879, 0.3075



21.4918, 0.6124, 0.3147



38.1849, 0.2001, 0.2360



16.5358, 0.3263, 0.3244



10.5891, 0.6084, 0.3125



0.9446, 0.5754, 0.2943

Previews

White Background



This preview shows how the Yxy color 20.1511, 0.5879, 0.3075 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 20.1511, 0.5879, 0.3075 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 20.1511, 0.5879, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 20.1511, 0.5879, 0.3075.



This preview shows how white text looks on a background with the Yxy color 20.1511, 0.5879, 0.3075.

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

20.1511, 0.5879, 0.3075

Protanopia

20.4983, 0.3565, 0.3822

Deuteranopia

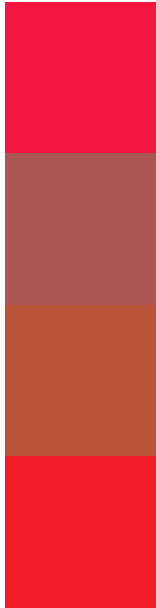
20.4101, 0.4389, 0.4321



Tritanopia

20.1716, 0.6192, 0.3314

Trichromacy



Original Color

20.1511, 0.5879, 0.3075

Protanomaly

16.3565, 0.4527, 0.3323

Deuteranomaly

17.0467, 0.5148, 0.3608

Tritanomaly

20.0453, 0.6113, 0.3244

Monochromacy



Original Color

20.1511, 0.5879, 0.3075

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9347, 0.4362, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1511, 0.5879, 0.3075 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, 21, 65)` looks like.

```
.text, #text, p{  
    color:rgb(244, 21, 65)  
}
```

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, 21, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 21, 65) }
```

Border

The CSS property to change the border of an element to Yxy 20.1511, 0.5879, 0.3075 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, 21, 65) }
```

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

```
.border{ border-color:rgb(244, 21, 65) }
```

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

Here you see how a box with a 4 pixel rgb(244, 21, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 21, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 21, 65);  
box-shadow:4px 4px 4px 4px rgb(244, 21,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1511, 0.5879, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 21, 65) }
```

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

```
.background{ background-color: rgb(244, 21,  
65) }
```

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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