

Converting Colors

$Yxy(20.6856, 0.5974, 0.3148)$

Have a look what the booklet for
Yxy(20.6856, 0.5974, 0.3148)
contains.

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Color

Yxy(20.6270, 0.5969, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	F61A39
RGB	246, 26, 57
RGB Percent	96%, 10%, 22%
CMY	0.0353, 0.8978, 0.7766
CMYK	0.00, 0.89, 0.77, 0.04
HSL	352°, 92%, 53%
HSV	352°, 89%, 96%
XYZ	39.1114, 20.6270, 5.7858
YIQ	95.3140, 121.1690, 56.2810

Conversions

Conversions Part 2

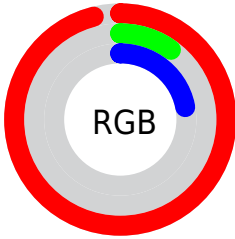
Format	Color
R_{YB}	246, 26, 57
Decimal	16128569
CIE _{Lab}	52.54, 76.47, 42.98
CIE _{LCh}	53, 87.723, 29.337
Yxy	20.6270, 0.5969, 0.3148
Android (android.graphics.Color)	4294318649 (0xFFFF61A39)
YUV	95.3140, -18.8888, 132.1516
Hunter-Lab	45.4170, 74.2378, 24.2388

Details

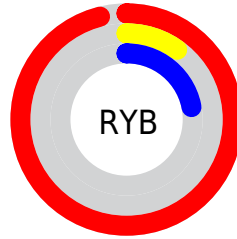
The Yxy color **20.6270, 0.5969, 0.3148** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **71.0388, 0.2374, 0.3693**, and the grayscale version is **11.5557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.7827, 0.4991, 0.3268**, and **9.7378, 0.6307, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **19.7496, 0.6230, 0.3210**, and if you desaturate by 10%, it is **22.4817, 0.5596, 0.3103**.

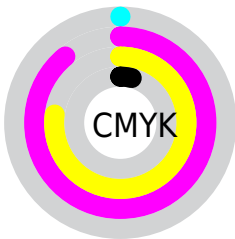
Distribution



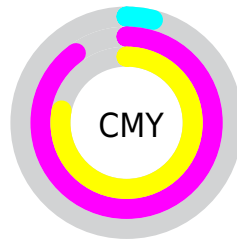
- Red (96%)
- Green (10%)
- Blue (22%)



- Red (96%)
- Yellow (10%)
- Blue (22%)



- Cyan (0%)
- Magenta (89%)
- Yellow (77%)
- Black (4%)



- Cyan (4%)
- Magenta (90%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6270, 0.5969, 0.3148 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 20.6270, 0.5969, 0.3148 by changing the saturation by 10% instead.


 20.6270, 0.5969,
0.3148


 20.6270, 0.5969,
0.3148


255.2895, 0.4417,
0.3380


 12.8516, 0.6355,
0.3022


 44.4659, 0.5394,
0.3281

 7.3265, 0.6826,
0.2821


 61.2983, 0.5179,
0.3316


 3.6671, 0.7475,
0.2525

 81.9184, 0.4999,
0.3339

 1.4891, 0.8021,
0.1979

 106.7107, 0.4846,
0.3355

 0.2811, 0.9119,
0.0881

 136.0596, 0.4715,
0.3366

 0.0000, 1.0000,
0.0000

 170.3494, 0.4602,

 0.0000, 0.0000,

0.3373

0.0000

209.9646, 0.4503,
0.3377

■ 20.6270, 0.5969,
0.3148

■ 20.6270, 0.5969,
0.3148

■ 19.7496, 0.6230,
0.3210

■ 22.4817, 0.5596,
0.3103


■ 19.7102, 0.6243,
0.3213

■ 25.5655, 0.5162,
0.3083

■ 30.0458, 0.4725,
0.3089

■ 36.0628, 0.4324,
0.3111

■ 43.7397, 0.3978,
0.3144

 53.1872, 0.3692,
0.3182

 64.5063, 0.3458,
0.3220

 77.7905, 0.3270,
0.3257

 93.1269, 0.3119,
0.3292

Harmonies

Analogous

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



20.6270, 0.4948, 0.2386



20.6270, 0.5969, 0.3148



20.6270, 0.5798, 0.3996

Triad

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



20.6270, 0.5969, 0.3148



20.6270, 0.2373, 0.6047



20.6270, 0.1222, 0.1299

Complementary

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



20.6270, 0.5969, 0.3148



71.0388, 0.2374, 0.3693

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.



20.6270, 0.0912, 0.1570



20.6270, 0.5969, 0.3148



20.6270, 0.1381, 0.4182

Square

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



20.6270, 0.5969, 0.3148



20.6270, 0.3614, 0.6094



20.6270, 0.0933, 0.2411



20.6270, 0.1958, 0.1371

Rectangle

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



20.6270, 0.5969, 0.3148



20.6270, 0.5237, 0.4693



20.6270, 0.0933, 0.2411



20.6270, 0.1079, 0.1345

Sweetspot

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



20.6283, 0.5969, 0.3148



60.4184, 0.3632, 0.3191



21.5419, 0.2868, 0.1390



12.0987, 0.3720, 0.3178



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.



20.6283, 0.5969, 0.3148



21.3863, 0.6246, 0.3214



29.3752, 0.5605, 0.3825



16.5204, 0.3272, 0.3257



10.5331, 0.6214, 0.3197



0.9372, 0.5923, 0.3037

Inverse Universe

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



20.6283, 0.5969, 0.3148



21.3863, 0.6246, 0.3214



35.2569, 0.1967, 0.2220



16.5204, 0.3272, 0.3257



10.5331, 0.6214, 0.3197



0.9372, 0.5923, 0.3037

Previews

White Background



This preview shows how the Yxy color 20.6270, 0.5969, 0.3148 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 20.6270, 0.5969, 0.3148 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 20.6270, 0.5969, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 20.6270, 0.5969, 0.3148.



This preview shows how white text looks on a background with the Yxy color 20.6270, 0.5969, 0.3148.

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

20.6270, 0.5969, 0.3148

Protanopia

20.8960, 0.3740, 0.4025

Deuteranopia

20.8692, 0.4499, 0.4421



Tritanopia

20.5840, 0.6191, 0.3318

Trichromacy



Original Color

20.6270, 0.5969, 0.3148

Protanomaly

17.1674, 0.4708, 0.3505

Deuteranomaly

17.8080, 0.5258, 0.3734

Tritanomaly

20.4875, 0.6127, 0.3261

Monochromacy



Original Color

20.6270, 0.5969, 0.3148

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4584, 0.4410, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6270, 0.5969, 0.3148 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(246, 26, 57)` looks like.

```
.text, #text, p{  
  color:rgb(246, 26, 57)  
}
```

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(246, 26, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 26, 57) }
```

Border

The CSS property to change the border of an element to Yxy 20.6270, 0.5969, 0.3148 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(246, 26, 57) }
```

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

```
.border{ border-color:rgb(246, 26, 57) }
```

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

Here you see how a box with a 4 pixel rgb(246, 26, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 26, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 26, 57);  
box-shadow:4px 4px 4px 4px rgb(246, 26,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 20.6270, 0.5969, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 26, 57) }
```

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

```
.background{ background-color: rgb(246, 26,  
57) }
```

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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