

Converting Colors

$Y_{xy}(24.1099, 0.5710, 0.3155)$

Have a look what the booklet for
Yxy(24.1099, 0.5710, 0.3155)
contains.

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Color

Yxy(24.1087, 0.5711, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FF3349
RGB	255, 51, 73
RGB Percent	100%, 20%, 29%
CMY	0.0000, 0.7999, 0.7138
CMYK	0.00, 0.80, 0.71, 0.00
HSL	354°, 100%, 60%
HSV	354°, 80%, 100%
XYZ	43.6264, 24.1087, 8.6550
YIQ	114.5040, 114.5220, 50.0900

Conversions

Conversions Part 2

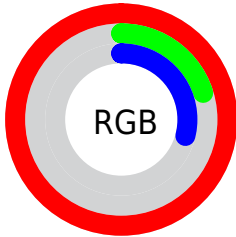
Format	Color
RYB	255, 51, 73
Decimal	16724809
CIELab	56.20, 74.50, 38.48
CIELCh	56, 83.852, 27.319
Yxy	24.1087, 0.5711, 0.3156
Android (android.graphics.Color)	4294914889 (0xFFFF3349)
YUV	114.5040, -20.4615, 123.2150
Hunter-Lab	49.1006, 72.6729, 23.9193

Details

The Yxy color **24.1087, 0.5711, 0.3156** 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 **78.1093, 0.2363, 0.3560**, and the grayscale version is **17.0261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3877, 0.4687, 0.3245**, and **11.0359, 0.6192, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **22.2099, 0.6069, 0.3196**, and if you desaturate by 10%, it is **27.3403, 0.5273, 0.3137**.

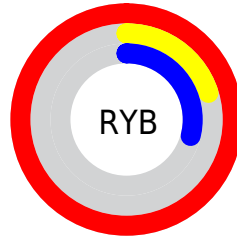
Distribution



Red (100%)

Green (20%)

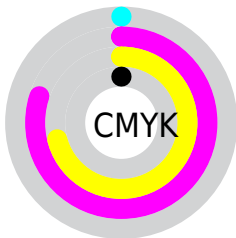
Blue (29%)



Red (100%)

Yellow (20%)

Blue (29%)

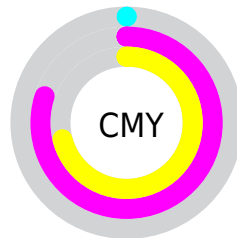


Cyan (0%)

Magenta (80%)

Yellow (71%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.1087, 0.5711, 0.3156 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 24.1087, 0.5711, 0.3156 by changing the saturation by 10% instead.


 24.1087, 0.5711,
0.3156


 24.1087, 0.5711,
0.3156


273.3696, 0.4313,
0.3349


 15.4143, 0.6065,
0.3058


 50.2075, 0.5192,
0.3262


 9.1106, 0.6506,
0.2902


 68.3807, 0.4998,
0.3291


 4.8134, 0.7082,
0.2660

 90.4823, 0.4836,
0.3311

 2.1382, 0.7753,
0.2247

 116.8966, 0.4699,
0.3324

 0.6860, 0.8453,
0.1547

 148.0081, 0.4581,
0.3334

 0.0000, 1.0000,
0.0000

184.2012, 0.4480,

 0.0000, 0.0000,

0.3341

0.0000

225.8602, 0.4391,
0.3346

■ 24.1087, 0.5711,
0.3156

■ 24.1087, 0.5711,
0.3156

■ 22.2099, 0.6069,
0.3196

■ 27.3403, 0.5273,
0.3137

■ 21.3418, 0.6300,
0.3244

■ 32.0861, 0.4820,
0.3137

■ 21.3413, 0.6300,
0.3244

■ 38.5034, 0.4399,
0.3153

■ 46.7288, 0.4034,
0.3177

■ 56.8848, 0.3731,
0.3206

■ 69.0831, 0.3484,
0.3235

■ 83.4270, 0.3286,
0.3263

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



24.1087, 0.4696, 0.2417



24.1087, 0.5711, 0.3156



24.1087, 0.5676, 0.3973

Triad

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



24.1087, 0.5711, 0.3156



24.1087, 0.2555, 0.5815



24.1087, 0.1305, 0.1426

Complementary

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



24.1087, 0.5711, 0.3156



78.1093, 0.2363, 0.3560

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.



24.1087, 0.1026, 0.1729



24.1087, 0.5711, 0.3156



24.1087, 0.1572, 0.4237

Square

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



24.1087, 0.5711, 0.3156



24.1087, 0.3740, 0.5848



24.1087, 0.1083, 0.2590



24.1087, 0.1984, 0.1471

Rectangle

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



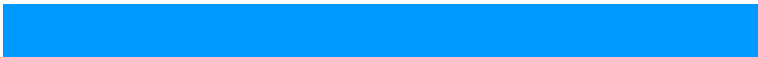
24.1087, 0.5711, 0.3156



24.1087, 0.5197, 0.4602



24.1087, 0.1083, 0.2590



24.1087, 0.1173, 0.1482

Sweetspot

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



24.1101, 0.5711, 0.3156



63.9430, 0.3577, 0.3223



26.6118, 0.2971, 0.1513



12.7690, 0.3666, 0.3213



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.



24.1101, 0.5711, 0.3156



21.6123, 0.6222, 0.3227



37.2554, 0.5251, 0.3935



18.0189, 0.3277, 0.3265



11.1615, 0.6276, 0.3231



1.0967, 0.6053, 0.3108

Inverse Universe

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



24.1101, 0.5711, 0.3156



21.6123, 0.6222, 0.3227



39.2924, 0.2009, 0.2249



18.0189, 0.3277, 0.3265



11.1615, 0.6276, 0.3231



1.0967, 0.6053, 0.3108

Previews

White Background



This preview shows how the Yxy color 24.1087, 0.5711, 0.3156 looks on a white background.

Color Contrast Check

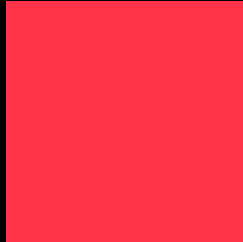
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1087, 0.5711, 0.3156 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 24.1087, 0.5711, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 24.1087, 0.5711, 0.3156.



This preview shows how white text looks on a background with the Yxy color 24.1087, 0.5711, 0.3156.

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

24.1087, 0.5711, 0.3156

Protanopia

24.2165, 0.3591, 0.3854

Deuteranopia

23.9908, 0.4356, 0.4266



Tritanopia

23.9850, 0.5886, 0.3292

Trichromacy



Original Color

24.1087, 0.5711, 0.3156

Protanomaly

20.8463, 0.4436, 0.3476

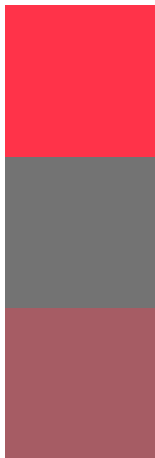
Deuteranomaly

21.6381, 0.4981, 0.3708

Tritanomaly

23.9648, 0.5821, 0.3243

Monochromacy



Original Color

24.1087, 0.5711, 0.3156

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.6814, 0.4150, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1087, 0.5711, 0.3156 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(255, 51, 73)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 73)  
}
```

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(255, 51, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 73) }
```

Border

The CSS property to change the border of an element to Yxy 24.1087, 0.5711, 0.3156 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(255, 51, 73) }
```

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

```
.border{ border-color:rgb(255, 51, 73) }
```

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

Here you see how a box with a 4 pixel rgb(255, 51, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 73);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
73) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1087, 0.5711, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 73) }
```

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

```
.background{ background-color: rgb(255, 51,  
73) }
```

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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