

Converting Colors

Yxy(24.0071, 0.5763, 0.3206)

Have a look what the booklet for
Yxy(24.0071, 0.5763, 0.3206)
contains.

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Color

Yxy(24.0223, 0.5766, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	FE3543
RGB	254, 53, 67
RGB Percent	100%, 21%, 26%
CMY	0.0039, 0.7922, 0.7372
CMYK	0.00, 0.79, 0.74, 0.00
HSL	356°, 99%, 60%
HSV	356°, 79%, 100%
XYZ	43.1638, 24.0223, 7.6731
YIQ	114.6950, 115.3020, 46.9660

Conversions

Conversions Part 2

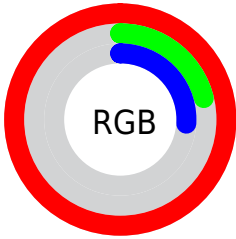
Format	Color
R_{YB}	254, 53, 67
Decimal	16659779
CIE Lab	56.11, 73.50, 41.72
CIE LCh	56, 84.518, 29.577
Yxy	24.0223, 0.5766, 0.3209
Android (android.graphics.Color)	4294849859 (0xFFFE3543)
YUV	114.6950, -23.5136, 122.1705
Hunter-Lab	49.0125, 71.4273, 25.0268

Details

The Yxy color **24.0223, 0.5766, 0.3209** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **77.9405, 0.2337, 0.3460**, and the grayscale version is **17.0918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4547, 0.4764, 0.3324**, and **10.7532, 0.6250, 0.3216** is the 20% darker color. If you saturate the color by 10%, you get **22.0617, 0.6121, 0.3236**, and if you desaturate by 10%, it is **27.3265, 0.5321, 0.3195**.

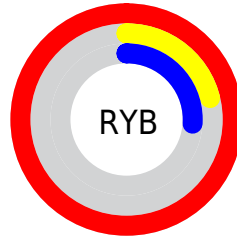
Distribution



Red (100%)

Green (21%)

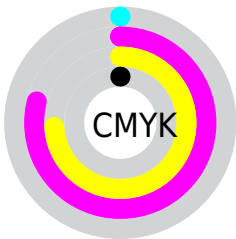
Blue (26%)



Red (100%)

Yellow (21%)

Blue (26%)

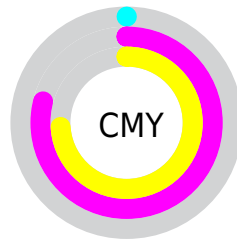


Cyan (0%)

Magenta (79%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (79%)

Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0223, 0.5766, 0.3209 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 24.0223, 0.5766, 0.3209 by changing the saturation by 10% instead.


 24.0223, 0.5766,
0.3209


 24.0223, 0.5766,
0.3209


272.9332, 0.4344,
0.3386


 15.3502, 0.6120,
0.3110


 50.0666, 0.5241,
0.3313

 9.0655, 0.6556,
0.2950


 68.2075, 0.5045,
0.3340

 4.7839, 0.7155,
0.2714

 90.2735, 0.4880,
0.3357

 2.1211, 0.7733,
0.2267

 116.6490, 0.4740,
0.3369

 0.6764, 0.8439,
0.1561

 147.7183, 0.4620,
0.3377

 0.0000, 1.0000,
0.0000

183.8658, 0.4515,

 0.0000, 0.0000,

0.3381

0.0000

225.4760, 0.4424,
0.3384

■ 24.0223, 0.5766,
0.3209

■ 24.0223, 0.5766,
0.3209

■ 22.0617, 0.6121,
0.3236

■ 27.3265, 0.5321,
0.3195

■ 21.1707, 0.6334,
0.3269


■ 32.1525, 0.4855,
0.3195


■ 21.1165, 0.6347,
0.3270

■ 38.6559, 0.4421,
0.3204

■ 46.9719, 0.4045,
0.3219

■ 57.2221, 0.3733,
0.3238

 69.5174, 0.3480,
0.3256

 83.9603, 0.3277,
0.3274

99.8137, 0.3121,
0.3290

Harmonies

Analogous

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



24.0223, 0.4816, 0.2462



24.0223, 0.5766, 0.3209



24.0223, 0.5651, 0.4037

Triad

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



24.0223, 0.5766, 0.3209



24.0223, 0.2460, 0.5769



24.0223, 0.1330, 0.1407

Complementary

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



24.0223, 0.5766, 0.3209



77.9405, 0.2337, 0.3460

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.



24.0223, 0.1023, 0.1679



24.0223, 0.5766, 0.3209



24.0223, 0.1504, 0.4099

Square

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



24.0223, 0.5766, 0.3209



24.0223, 0.3647, 0.5913



24.0223, 0.1053, 0.2490



24.0223, 0.2047, 0.1476

Rectangle

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



24.0223, 0.5766, 0.3209



24.0223, 0.5136, 0.4679



24.0223, 0.1053, 0.2490



24.0223, 0.1188, 0.1454

Sweetspot

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



24.0238, 0.5766, 0.3209



63.8350, 0.3596, 0.3247



27.7512, 0.3040, 0.1557



12.7439, 0.3689, 0.3240



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.



24.0238, 0.5766, 0.3209



21.6335, 0.6264, 0.3257



39.1500, 0.5154, 0.4001



18.0076, 0.3283, 0.3274



11.1388, 0.6329, 0.3260



1.0914, 0.6169, 0.3172

Inverse Universe

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



24.0238, 0.5766, 0.3209



21.6335, 0.6264, 0.3257



36.7573, 0.1991, 0.2167



18.0076, 0.3283, 0.3274



11.1388, 0.6329, 0.3260



1.0914, 0.6169, 0.3172

Previews

White Background



This preview shows how the Yxy color 24.0223, 0.5766, 0.3209 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 24.0223, 0.5766, 0.3209 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 24.0223, 0.5766, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 24.0223, 0.5766, 0.3209.



This preview shows how white text looks on a background with the Yxy color 24.0223, 0.5766, 0.3209.

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

24.0223, 0.5766, 0.3209

Protanopia

24.2471, 0.3703, 0.3984

Deuteranopia

24.0295, 0.4429, 0.4338



Tritanopia

24.0887, 0.5870, 0.3292

Trichromacy



Original Color

24.0223, 0.5766, 0.3209

Protanomaly

21.0575, 0.4537, 0.3583

Deuteranomaly

21.7652, 0.5037, 0.3781

Tritanomaly

24.0354, 0.5836, 0.3262

Monochromacy



Original Color

24.0223, 0.5766, 0.3209

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.6431, 0.4182, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0223, 0.5766, 0.3209 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(254, 53, 67)` looks like.

```
.text, #text, p{  
  color:rgb(254, 53, 67)  
}
```

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(254, 53, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 53, 67) }
```

Border

The CSS property to change the border of an element to Yxy 24.0223, 0.5766, 0.3209 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(254, 53, 67) }
```

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

```
.border{ border-color:rgb(254, 53, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 53, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 53, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 53, 67);  
box-shadow:4px 4px 4px 4px rgb(254, 53,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0223, 0.5766, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 53, 67) }
```

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

```
.background{ background-color: rgb(254, 53,  
67) }
```

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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