

Converting Colors

$Yxy(24.1824, 0.5580, 0.3274)$

Have a look what the booklet for
Yxy(24.1824, 0.5580, 0.3274)
contains.

Yxy(24.1820, 0.5580, 0.3275)	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(24.1820, 0.5580, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	F64447
RGB	246, 68, 71
RGB Percent	96%, 27%, 28%
CMY	0.0354, 0.7331, 0.7216
CMYK	0.00, 0.72, 0.71, 0.04
HSL	359°, 91%, 62%
HSV	359°, 72%, 96%
XYZ	41.2017, 24.1820, 8.4545
YIQ	121.5640, 105.1250, 38.6690

Conversions

Conversions Part 2

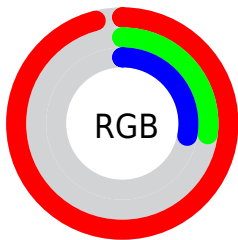
Format	Color
R_{YB}	246, 68, 71
Decimal	16139335
CIE _{Lab}	56.27, 66.90, 39.28
CIE _{LCh}	56, 77.581, 30.417
Yxy	24.1820, 0.5580, 0.3275
Android (android.graphics.Color)	4294329415 (0xFFFF64447)
YUV	121.5640, -24.9281, 109.1304
Hunter-Lab	49.1752, 63.5006, 24.2292

Details

The Yxy color **24.1820, 0.5580, 0.3275** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **73.5966, 0.2327, 0.3324**, and the grayscale version is **19.3779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0544, 0.4643, 0.3375**, and **10.0242, 0.6195, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **21.5523, 0.5996, 0.3281**, and if you desaturate by 10%, it is **28.1854, 0.5103, 0.3272**.

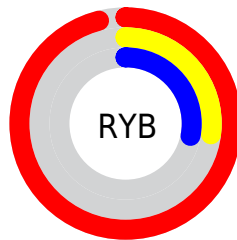
Distribution



Red (96%)

Green (27%)

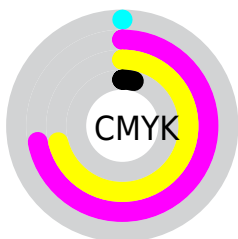
Blue (28%)



Red (96%)

Yellow (27%)

Blue (28%)

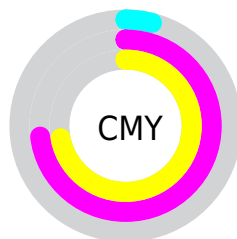


Cyan (0%)

Magenta (72%)

Yellow (71%)

Black (4%)



Cyan (4%)


Magenta (73%)


Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.1820, 0.5580, 0.3275 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 24.1820, 0.5580, 0.3275 by changing the saturation by 10% instead.


 24.1820, 0.5580,
0.3275


 24.1820, 0.5580,
0.3275


273.7393, 0.4250,
0.3399


 15.4687, 0.5919,
0.3194


 50.3270, 0.5084,
0.3355


 9.1490, 0.6343,
0.3059


 68.5275, 0.4900,
0.3374

 4.8385, 0.6909,
0.2844

 90.6592, 0.4747,
0.3386

 2.1528, 0.7553,
0.2447

 117.1065, 0.4616,
0.3393

 0.6941, 0.8256,
0.1744

 148.2538, 0.4505,
0.3397

 0.0000, 1.0000,
0.0000

184.4854, 0.4408,

 0.0000, 0.0000,

0.3399

0.0000

226.1858, 0.4324,
0.3400

■ 24.1820, 0.5580,
0.3275

■ 24.1820, 0.5580,
0.3275

■ 21.5523, 0.5996,
0.3281

■ 28.1854, 0.5103,
0.3272

■ 20.1085, 0.6277,
0.3289


■ 33.7100, 0.4634,
0.3273


■ 19.5957, 0.6389,
0.3293


■ 40.8894, 0.4216,
0.3275

■ 49.8411, 0.3864,
0.3278

■ 60.6721, 0.3578,
0.3282

 73.4810, 0.3348,
0.3286

 88.3593, 0.3164,
0.3289

 98.3269, 0.3072,
0.3290

Harmonies

Analogous

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



24.1820, 0.4717, 0.2547



24.1820, 0.5580, 0.3275



24.1820, 0.5492, 0.4080

Triad

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



24.1820, 0.5580, 0.3275



24.1820, 0.2513, 0.5498



24.1820, 0.1446, 0.1513

Complementary

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



24.1820, 0.5580, 0.3275



73.5966, 0.2327, 0.3324

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.



24.1820, 0.1139, 0.1776



24.1820, 0.5580, 0.3275



24.1820, 0.1606, 0.3990

Square

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



24.1820, 0.5580, 0.3275



24.1820, 0.3641, 0.5739



24.1820, 0.1169, 0.2540



24.1820, 0.2151, 0.1585

Rectangle

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



24.1820, 0.5580, 0.3275



24.1820, 0.5026, 0.4681



24.1820, 0.1169, 0.2540



24.1820, 0.1305, 0.1559

Sweetspot

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



24.1834, 0.5580, 0.3275



66.2226, 0.3570, 0.3282



29.8487, 0.3172, 0.1701



13.4426, 0.3642, 0.3281



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.



24.1834, 0.5580, 0.3275



22.4883, 0.6152, 0.3285



43.1327, 0.4825, 0.4113



16.4869, 0.3291, 0.3287



10.4646, 0.6384, 0.3290



0.9213, 0.6340, 0.3266

Inverse Universe

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



24.1834, 0.5580, 0.3275



22.4883, 0.6152, 0.3285



33.0177, 0.2019, 0.2110



16.4869, 0.3291, 0.3287



10.4646, 0.6384, 0.3290



0.9213, 0.6340, 0.3266

Previews

White Background



This preview shows how the Yxy color 24.1820, 0.5580, 0.3275 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 24.1820, 0.5580, 0.3275 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 24.1820, 0.5580, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 24.1820, 0.5580, 0.3275.



This preview shows how white text looks on a background with the Yxy color 24.1820, 0.5580, 0.3275.

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

24.1820, 0.5580, 0.3275

Protanopia

24.2652, 0.3692, 0.3967

Deuteranopia

24.2422, 0.4354, 0.4291



Tritanopia

24.1820, 0.5580, 0.3275

Trichromacy



Original Color

24.1820, 0.5580, 0.3275

Protanomaly

21.9858, 0.4422, 0.3647

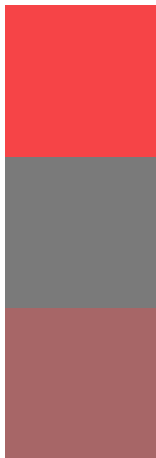
Deuteranomaly

22.6213, 0.4885, 0.3817

Tritanomaly

24.1820, 0.5580, 0.3275

Monochromacy



Original Color

24.1820, 0.5580, 0.3275

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.6975, 0.4055, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.1820, 0.5580, 0.3275 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, 68, 71)` looks like.

```
.text, #text, p{  
    color:rgb(246, 68, 71)  
}
```

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, 68, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 68, 71) }
```

Border

The CSS property to change the border of an element to Yxy 24.1820, 0.5580, 0.3275 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, 68, 71) }
```

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

```
.border{ border-color:rgb(246, 68, 71) }
```

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

Here you see how a box with a 4 pixel rgb(246, 68, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 68, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 68, 71);  
box-shadow:4px 4px 4px 4px rgb(246, 68,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 24.1820, 0.5580, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 68, 71) }
```

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

```
.background{ background-color: rgb(246, 68,  
71) }
```

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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