

Converting Colors

$Yxy(24.0385, 0.5276, 0.3249)$

Have a look what the booklet for
Yxy(24.0385, 0.5276, 0.3249)
contains.

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Color

Yxy(24.0649, 0.5266, 0.3251)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC4F54 |
| RGB | 236, 79, 84 |
| RGB Percent | 93%, 31%, 33% |
| CMY | 0.0746, 0.6900, 0.6706 |
| CMYK | 0.00, 0.67, 0.64, 0.07 |
| HSL | 358°, 80%, 62% |
| HSV | 358°, 67%, 93% |
| XYZ | 38.9805, 24.0649, 10.9776 |
| YIQ | 126.5130, 91.9670, 34.8390 |

Conversions

Conversions Part 2

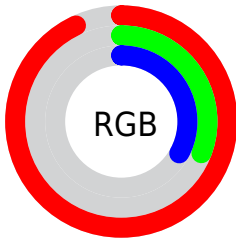
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 236, 79, 84 |
| Decimal | 15486804 |
| CIE Lab | 56.15, 60.48, 31.32 |
| CIE LCh | 56, 68.107, 27.375 |
| Yxy | 24.0649, 0.5266, 0.3251 |
| Android (android.graphics.Color) | 4293676884 (0xFFEC4F54) |
| YUV | 126.5130, -20.9589, 96.0201 |
| Hunter-Lab | 49.0560, 55.9905, 21.0714 |

Details

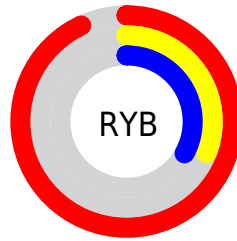
The Yxy color **24.0649, 0.5266, 0.3251** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **67.4074, 0.2368, 0.3351**, and the grayscale version is **21.1034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.5895, 0.4438, 0.3314**, and **9.0741, 0.5986, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **20.9413, 0.5726, 0.3257**, and if you desaturate by 10%, it is **28.5157, 0.4793, 0.3251**.

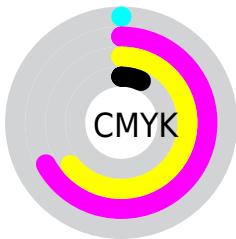
Distribution



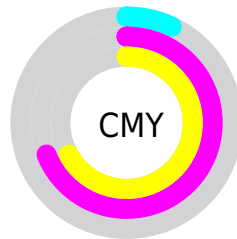
- Red (93%)
- Green (31%)
- Blue (33%)



- Red (93%)
- Yellow (31%)
- Blue (33%)



- Cyan (0%)
- Magenta (67%)
- Yellow (64%)
- Black (7%)





- Cyan (7%)
- Magenta (69%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0649, 0.5266, 0.3251 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 24.0649, 0.5266, 0.3251 by changing the saturation by 10% instead.


 24.0649, 0.5266,
0.3251


 24.0649, 0.5266,
0.3251


273.1484, 0.4089,
0.3354


 15.3818, 0.5581,
0.3188


 50.1361, 0.4819,
0.3314


 9.0878, 0.5988,
0.3083


 68.2929, 0.4656,
0.3329


 4.7985, 0.6521,
0.2897

 90.3765, 0.4521,
0.3339

 2.1295, 0.7380,
0.2620

 116.7711, 0.4407,
0.3346

 0.6811, 0.8090,
0.1910

 147.8612, 0.4310,
0.3350

 0.0000, 1.0000,
0.0000

184.0312, 0.4226,

 0.0000, 0.0000,

0.3352

0.0000

225.6655, 0.4153,
0.3353

■ 24.0649, 0.5266,
0.3251

■ 24.0649, 0.5266,
0.3251

■ 20.9413, 0.5726,
0.3257

■ 28.5157, 0.4793,
0.3251

■ 18.9944, 0.6101,
0.3269

■ 34.4146, 0.4359,
0.3255


■ 18.0424, 0.6329,
0.3285


■ 41.8736, 0.3986,
0.3262

■ 17.8438, 0.6376,
0.3286

■ 50.9927, 0.3679,
0.3269

■ 61.8634, 0.3432,
0.3278

 74.5706, 0.3234,
0.3285

 89.1938, 0.3076,
0.3292

 96.5674, 0.3011,
0.3290

Harmonies

Analogous

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



24.0649, 0.4419, 0.2568



24.0649, 0.5266, 0.3251



24.0649, 0.5316, 0.4002

Triad

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



24.0649, 0.5266, 0.3251



24.0649, 0.2718, 0.5272



24.0649, 0.1549, 0.1680

Complementary

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



24.0649, 0.5266, 0.3251



67.4074, 0.2368, 0.3351

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.



24.0649, 0.1292, 0.1981



24.0649, 0.5266, 0.3251



24.0649, 0.1841, 0.4061

Square

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



24.0649, 0.5266, 0.3251



24.0649, 0.3759, 0.5438



24.0649, 0.1368, 0.2753



24.0649, 0.2170, 0.1712

Rectangle

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



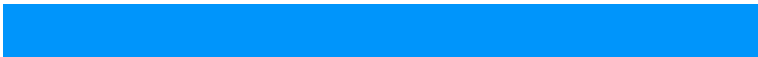
24.0649, 0.5266, 0.3251



24.0649, 0.4963, 0.4538



24.0649, 0.1368, 0.2753



24.0649, 0.1426, 0.1738

Sweetspot

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



24.0663, 0.5266, 0.3251



68.8830, 0.3514, 0.3275



28.5983, 0.3144, 0.1770



13.9607, 0.3584, 0.3272



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.



24.0663, 0.5266, 0.3251



23.9274, 0.5884, 0.3261



40.9391, 0.4679, 0.4052



15.0617, 0.3288, 0.3283



9.8423, 0.6367, 0.3281



0.7756, 0.6275, 0.3230

Inverse Universe

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



24.0663, 0.5266, 0.3251



23.9274, 0.5884, 0.3261



33.8202, 0.2102, 0.2263



15.0617, 0.3288, 0.3283



9.8423, 0.6367, 0.3281



0.7756, 0.6275, 0.3230

Previews

White Background



This preview shows how the Yxy color 24.0649, 0.5266, 0.3251 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 24.0649, 0.5266, 0.3251 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 24.0649, 0.5266, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 24.0649, 0.5266, 0.3251.



This preview shows how white text looks on a background with the Yxy color 24.0649, 0.5266, 0.3251.

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

24.0649, 0.5266, 0.3251

Protanopia

24.2978, 0.3547, 0.3785

Deuteranopia

24.2216, 0.4174, 0.4098



Tritanopia

24.0649, 0.5266, 0.3251

Trichromacy



Original Color

24.0649, 0.5266, 0.3251

Protanomaly

22.4904, 0.4171, 0.3544

Deuteranomaly

23.0098, 0.4616, 0.3716

Tritanomaly

24.0649, 0.5266, 0.3251

Monochromacy



Original Color

24.0649, 0.5266, 0.3251

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5150, 0.3894, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0649, 0.5266, 0.3251 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(236, 79, 84)` looks like.

```
.text, #text, p{  
    color:rgb(236, 79, 84)  
}
```

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(236, 79, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 79, 84) }
```

Border

The CSS property to change the border of an element to Yxy 24.0649, 0.5266, 0.3251 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(236, 79, 84) }
```

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

```
.border{ border-color:rgb(236, 79, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 79, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 79, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 79, 84);  
box-shadow:4px 4px 4px 4px rgb(236, 79,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0649, 0.5266, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 79, 84) }
```

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

```
.background{ background-color: rgb(236, 79,  
84) }
```

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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