

Converting Colors

$Y_{xy}(24.3776, 0.5162, 0.3417)$

Have a look what the booklet for
Yxy(24.3776, 0.5162, 0.3417)
contains.

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Color

Yxy(24.3776, 0.5161, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	E35B4F
RGB	227, 91, 79
RGB Percent	89%, 36%, 31%
CMY	0.1098, 0.6431, 0.6903
CMYK	0.00, 0.60, 0.65, 0.11
HSL	5°, 73%, 60%
HSV	5°, 65%, 89%
XYZ	36.8304, 24.3776, 10.1550
YIQ	130.2960, 84.9080, 25.1000

Conversions

Conversions Part 2

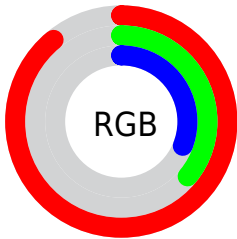
Format	Color
R_{YB}	227, 92, 79
Decimal	14900047
CIE Lab	56.46, 52.18, 34.24
CIE LCh	56, 62.410, 33.272
Yxy	24.3776, 0.5161, 0.3416
Android (android.graphics.Color)	4293090127 (0xFFE35B4F)
YUV	130.2960, -25.2889, 84.8094
Hunter-Lab	49.3737, 46.7487, 22.3671

Details

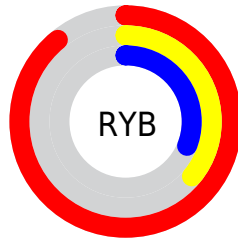
The Yxy color **24.3776, 0.5161, 0.3416** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **55.7873, 0.2319, 0.3127**, and the grayscale version is **22.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4027, 0.4435, 0.3469**, and **9.2589, 0.5834, 0.3298** is the 20% darker color. If you saturate the color by 10%, you get **21.0191, 0.5614, 0.3411**, and if you desaturate by 10%, it is **28.8420, 0.4707, 0.3408**.

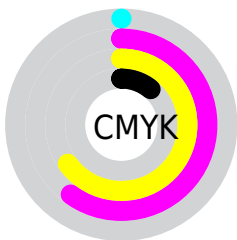
Distribution



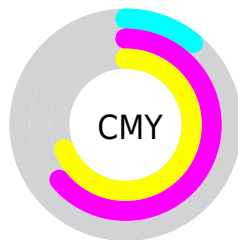
- Red (89%)
- Green (36%)
- Blue (31%)



- Red (89%)
- Yellow (36%)
- Blue (31%)



- Cyan (0%)
- Magenta (60%)
- Yellow (65%)
- Black (11%)



- Cyan (11%)
- Magenta (64%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3776, 0.5161, 0.3416 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 24.3776, 0.5161, 0.3416 by changing the saturation by 10% instead.


 24.3776, 0.5161,
0.3416


 24.3776, 0.5161,
0.3416


274.7240, 0.4044,
0.3430


 15.6140, 0.5458,
0.3375


 50.6457, 0.4737,
0.3446

 9.2514, 0.5842,
0.3297


 68.9189, 0.4583,
0.3449


 4.9055, 0.6344,
0.3145


 91.1308, 0.4455,
0.3449

 2.1919, 0.7109,
0.2891

 117.6658, 0.4346,
0.3446

 0.7156, 0.7785,
0.2215

 148.9082, 0.4254,
0.3443

 0.0000, 1.0000,
0.0000

185.2424, 0.4175,

 0.0000, 0.0000,

0.3439

0.0000

227.0529, 0.4105,
0.3434

■ 24.3776, 0.5161,
0.3416

■ 24.3776, 0.5161,
0.3416

■ 21.0191, 0.5614,
0.3411

■ 28.8420, 0.4707,
0.3408

■ 18.6661, 0.6005,
0.3389

■ 34.4933, 0.4295,
0.3391


■ 17.2069, 0.6269,
0.3354


■ 41.4094, 0.3941,
0.3369


■ 16.7790, 0.6350,
0.3340

■ 49.6608, 0.3647,
0.3346

■ 59.3124, 0.3407,
0.3322

 70.4250, 0.3213,
0.3301

 83.0559, 0.3056,
0.3281

 95.0711, 0.2958,
0.3290

Harmonies

Analogous

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



24.3776, 0.4508, 0.2748



24.3776, 0.5161, 0.3416



24.3776, 0.5094, 0.4140

Triad

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



24.3776, 0.5161, 0.3416



24.3776, 0.2590, 0.4915



24.3776, 0.1741, 0.1770

Complementary

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



24.3776, 0.5161, 0.3416



55.7873, 0.2319, 0.3127

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.



24.3776, 0.1430, 0.1996



24.3776, 0.5161, 0.3416



24.3776, 0.1825, 0.3742

Square

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



24.3776, 0.5161, 0.3416



24.3776, 0.3557, 0.5302



24.3776, 0.1445, 0.2631



24.3776, 0.2404, 0.1852

Rectangle

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



24.3776, 0.5161, 0.3416



24.3776, 0.4721, 0.4634



24.3776, 0.1445, 0.2631



24.3776, 0.1600, 0.1808

Sweetspot

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



24.3790, 0.5161, 0.3416



70.8039, 0.3519, 0.3334



26.9351, 0.3301, 0.1891



14.4093, 0.3588, 0.3340



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.



24.3790, 0.5161, 0.3416



26.2175, 0.5753, 0.3405



43.0375, 0.4505, 0.4200



14.5554, 0.3290, 0.3310



9.8525, 0.6337, 0.3350



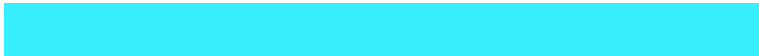
0.7939, 0.6177, 0.3477

Inverse Universe

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



55.7873, 0.2319, 0.3127



69.6915, 0.2239, 0.3089



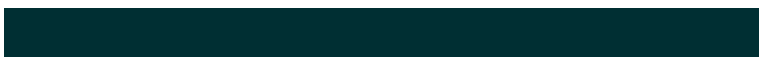
26.8867, 0.2067, 0.2064



16.1252, 0.2982, 0.3270



29.7782, 0.2176, 0.3034



2.2602, 0.2187, 0.3074

Previews

White Background



This preview shows how the Yxy color 24.3776, 0.5161, 0.3416 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 24.3776, 0.5161, 0.3416 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 24.3776, 0.5161, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 24.3776, 0.5161, 0.3416.



This preview shows how white text looks on a background with the Yxy color 24.3776, 0.5161, 0.3416.

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

24.3776, 0.5161, 0.3416

Protanopia

24.6559, 0.3688, 0.3963

Deuteranopia

24.6486, 0.4231, 0.4156



Tritanopia

24.4469, 0.4988, 0.3244

Trichromacy



Original Color

24.3776, 0.5161, 0.3416

Protanomaly

23.4012, 0.4224, 0.3734

Deuteranomaly

23.8176, 0.4592, 0.3837

Tritanomaly

24.5276, 0.5048, 0.3306

Monochromacy



Original Color

24.3776, 0.5161, 0.3416

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.6378, 0.3838, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3776, 0.5161, 0.3416 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(227, 91, 79)` looks like.

```
.text, #text, p{  
    color:rgb(227, 91, 79)  
}
```

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(227, 91, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 91, 79) }
```

Border

The CSS property to change the border of an element to Yxy 24.3776, 0.5161, 0.3416 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(227, 91, 79) }
```

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

```
.border{ border-color:rgb(227, 91, 79) }
```

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

Here you see how a box with a 4 pixel rgb(227, 91, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 91, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 91, 79);  
box-shadow:4px 4px 4px 4px rgb(227, 91,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3776, 0.5161, 0.3416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 91, 79) }
```

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

```
.background{ background-color: rgb(227, 91,  
79) }
```

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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