

Converting Colors

$Yxy(25.7649, 0.5041, 0.3276)$

Have a look what the booklet for
Yxy(25.7649, 0.5041, 0.3276)
contains.

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Color

Yxy(25.7649, 0.5041, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	EA5B5D
RGB	234, 91, 93
RGB Percent	92%, 36%, 36%
CMY	0.0824, 0.6431, 0.6353
CMYK	0.00, 0.61, 0.60, 0.08
HSL	359°, 77%, 64%
HSV	359°, 61%, 92%
XYZ	39.6462, 25.7649, 13.2364
YIQ	133.9850, 84.5860, 30.9380

Conversions

Conversions Part 2

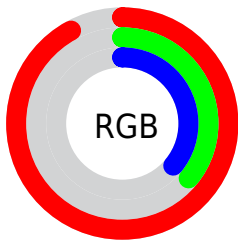
Format	Color
R_{YB}	234, 91, 93
Decimal	15358813
CIE Lab	57.81, 55.43, 28.19
CIE LCh	58, 62.182, 26.957
Yxy	25.7649, 0.5041, 0.3276
Android (android.graphics.Color)	4293548893 (0xFFEA5B5D)
YUV	133.9850, -20.2056, 87.7132
Hunter-Lab	50.7591, 50.5916, 20.0705

Details

The Yxy color **25.7649, 0.5041, 0.3276** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **66.8934, 0.2392, 0.3313**, and the grayscale version is **23.8888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8009, 0.4287, 0.3325**, and **9.9559, 0.5695, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **22.0204, 0.5520, 0.3278**, and if you desaturate by 10%, it is **30.8824, 0.4578, 0.3276**.

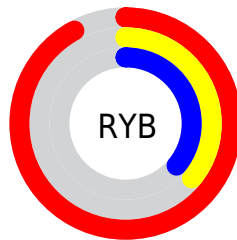
Distribution



Red (92%)

Green (36%)

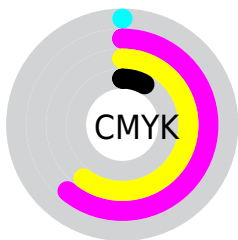
Blue (36%)



Red (92%)

Yellow (36%)

Blue (36%)

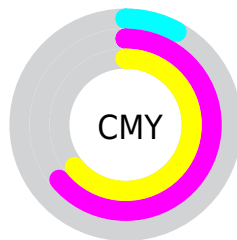


Cyan (0%)

Magenta (61%)

Yellow (60%)

Black (8%)



Cyan (8%)


Magenta (64%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7649, 0.5041, 0.3276 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 25.7649, 0.5041, 0.3276 by changing the saturation by 10% instead.


 25.7649, 0.5041,
0.3276


 25.7649, 0.5041,
0.3276


281.6261, 0.3992,
0.3348


 16.6478, 0.5324,
0.3229


 52.8954, 0.4642,
0.3322


 9.9837, 0.5693,
0.3150


 71.6777, 0.4497,
0.3333

 5.3882, 0.6186,
0.3007


 94.4505, 0.4376,
0.3340

 2.4768, 0.7000,
0.2801

 121.5982, 0.4275,
0.3344

 0.8650, 0.7764,
0.2236

153.5052, 0.4189,
0.3347

 0.0000, 1.0000,
0.0000

190.5559, 0.4114,

 0.0000, 0.0000,

0.3348


0.0000


233.1348, 0.4049,
0.3348


 25.7649, 0.5041,
0.3276

 25.7649, 0.5041,
0.3276

 22.0204, 0.5520,
0.3278


 30.8824, 0.4578,
0.3276


 19.5127, 0.5947,
0.3283


 37.4835, 0.4168,
0.3278

 18.0857, 0.6250,
0.3290

 45.6725, 0.3825,
0.3281


 17.4981, 0.6390,
0.3294

 55.5431, 0.3546,
0.3284

 67.1818, 0.3323,
0.3287

 80.6692, 0.3144,
0.3290

 96.0806, 0.3002,
0.3292

 96.2310, 0.2999,
0.3290

Harmonies

Analogous

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



25.7649, 0.4272, 0.2633



25.7649, 0.5041, 0.3276



25.7649, 0.5127, 0.3981

Triad

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



25.7649, 0.5041, 0.3276



25.7649, 0.2799, 0.5037



25.7649, 0.1672, 0.1816

Complementary

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



25.7649, 0.5041, 0.3276



66.8934, 0.2392, 0.3313

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.



25.7649, 0.1434, 0.2115



25.7649, 0.5041, 0.3276



25.7649, 0.1981, 0.3997

Square

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



25.7649, 0.5041, 0.3276



25.7649, 0.3757, 0.5221



25.7649, 0.1521, 0.2841



25.7649, 0.2251, 0.1836

Rectangle

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



25.7649, 0.5041, 0.3276



25.7649, 0.4833, 0.4467



25.7649, 0.1521, 0.2841



25.7649, 0.1557, 0.1876

Sweetspot

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



25.7663, 0.5041, 0.3276



71.5498, 0.3473, 0.3285



30.5157, 0.3169, 0.1869



14.4766, 0.3544, 0.3284



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.



25.7663, 0.5041, 0.3276



25.9581, 0.5622, 0.3279



43.4305, 0.4500, 0.4037



15.0574, 0.3291, 0.3287



9.8353, 0.6386, 0.3291



0.7735, 0.6345, 0.3269

Inverse Universe

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



25.7663, 0.5041, 0.3276



25.9581, 0.5622, 0.3279



35.0349, 0.2166, 0.2328



15.0574, 0.3291, 0.3287



9.8353, 0.6386, 0.3291



0.7735, 0.6345, 0.3269

Previews

White Background



This preview shows how the Yxy color 25.7649, 0.5041, 0.3276 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 25.7649, 0.5041, 0.3276 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 25.7649, 0.5041, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 25.7649, 0.5041, 0.3276.



This preview shows how white text looks on a background with the Yxy color 25.7649, 0.5041, 0.3276.

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

25.7649, 0.5041, 0.3276

Protanopia

25.9760, 0.3492, 0.3705

Deuteranopia

25.8820, 0.4084, 0.3999



Tritanopia

25.8191, 0.5001, 0.3245

Trichromacy



Original Color

25.7649, 0.5041, 0.3276

Protanomaly

24.5434, 0.4046, 0.3527

Deuteranomaly

25.0156, 0.4454, 0.3680

Tritanomaly

25.8008, 0.5014, 0.3256

Monochromacy



Original Color

25.7649, 0.5041, 0.3276

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

22.8348, 0.3786, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7649, 0.5041, 0.3276 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(234, 91, 93)` looks like.

```
.text, #text, p{  
    color:rgb(234, 91, 93)  
}
```

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(234, 91, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 91, 93) }
```

Border

The CSS property to change the border of an element to Yxy 25.7649, 0.5041, 0.3276 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(234, 91, 93) }
```

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

```
.border{ border-color:rgb(234, 91, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 91, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 91, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 91, 93);  
box-shadow:4px 4px 4px 4px rgb(234, 91,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7649, 0.5041, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 91, 93) }
```

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

```
.background{ background-color: rgb(234, 91,  
93) }
```

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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