

Converting Colors

$Y_{xy}(25.6882, 0.5217, 0.3449)$

Have a look what the booklet for
Yxy(25.6882, 0.5217, 0.3449)
contains.

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Color

Yxy(25.6882, 0.5217, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	E95D4D
RGB	233, 93, 77
RGB Percent	91%, 36%, 30%
CMY	0.0863, 0.6352, 0.6979
CMYK	0.00, 0.60, 0.67, 0.09
HSL	6°, 78%, 61%
HSV	6°, 67%, 91%
XYZ	38.8563, 25.6882, 9.9357
YIQ	133.0360, 88.5760, 24.7040

Conversions

Conversions Part 2

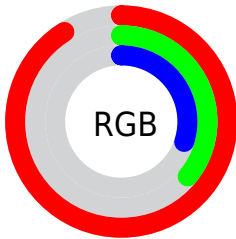
Format	Color
R_{YB}	233, 95, 77
Decimal	15293773
CIE Lab	57.74, 53.24, 37.10
CIE LCh	58, 64.893, 34.866
Yxy	25.6882, 0.5217, 0.3449
Android (android.graphics.Color)	4293483853 (0xFFE95D4D)
YUV	133.0360, -27.6257, 87.6684
Hunter-Lab	50.6835, 48.1500, 23.8557

Details

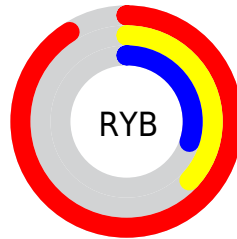
The Yxy color **25.6882, 0.5217, 0.3449** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **57.0843, 0.2295, 0.3077**, and the grayscale version is **23.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.9721, 0.4443, 0.3510**, and **9.9643, 0.5889, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **22.2342, 0.5660, 0.3440**, and if you desaturate by 10%, it is **30.2662, 0.4766, 0.3441**.

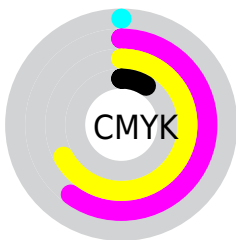
Distribution



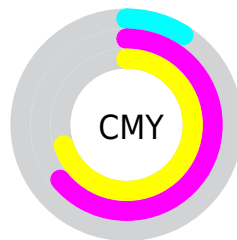
- Red (91%)
- Green (36%)
- Blue (30%)



- Red (91%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (60%)
- Yellow (67%)
- Black (9%)





- Cyan (9%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6882, 0.5217, 0.3449 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 25.6882, 0.5217, 0.3449 by changing the saturation by 10% instead.


 25.6882, 0.5217,
0.3449


 25.6882, 0.5217,
0.3449


281.2481, 0.4083,
0.3453


 16.5905, 0.5512,
0.3409


 52.7715, 0.4791,
0.3477

 9.9430, 0.5888,
0.3330


 71.5259, 0.4634,
0.3479

 5.3612, 0.6375,
0.3180

 94.2681, 0.4504,
0.3478

 2.4607, 0.7079,
0.2921

 121.3823, 0.4393,
0.3474

 0.8569, 0.7697,
0.2303

 153.2530, 0.4298,
0.3470

 0.0000, 1.0000,
0.0000

190.2646, 0.4217,

 0.0000, 0.0000,


0.3464


0.0000


232.8015, 0.4145,
0.3459


 25.6882, 0.5217,
0.3449


 25.6882, 0.5217,
0.3449


 22.2342, 0.5660,
0.3440


 30.2662, 0.4766,
0.3441

 19.8027, 0.6033,
0.3410


 36.0498, 0.4351,
0.3421


 18.2806, 0.6279,
0.3365

 43.1176, 0.3991,
0.3394


 17.9706, 0.6332,
0.3354

 51.5408, 0.3691,
0.3365

 61.3849, 0.3444,
0.3336

 72.7115, 0.3244,
0.3308

 85.5783, 0.3081,
0.3282

 96.0618, 0.2993,
0.3290

Harmonies

Analogous

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



25.6882, 0.4589, 0.2770



25.6882, 0.5217, 0.3449



25.6882, 0.5105, 0.4185

Triad

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



25.6882, 0.5217, 0.3449



25.6882, 0.2526, 0.4907



25.6882, 0.1744, 0.1742

Complementary

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



25.6882, 0.5217, 0.3449



57.0843, 0.2295, 0.3077

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.



25.6882, 0.1412, 0.1950



25.6882, 0.5217, 0.3449



25.6882, 0.1768, 0.3681

Square

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



25.6882, 0.5217, 0.3449



25.6882, 0.3505, 0.5351



25.6882, 0.1408, 0.2567



25.6882, 0.2436, 0.1841

Rectangle

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



25.6882, 0.5217, 0.3449



25.6882, 0.4705, 0.4688



25.6882, 0.1408, 0.2567



25.6882, 0.1596, 0.1774

Sweetspot

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



25.6896, 0.5217, 0.3449



71.3335, 0.3516, 0.3345



27.6630, 0.3364, 0.1906



14.5333, 0.3585, 0.3353



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.



25.6896, 0.5217, 0.3449



26.1234, 0.5800, 0.3432



46.8338, 0.4505, 0.4268



15.3025, 0.3290, 0.3315



10.2810, 0.6317, 0.3366



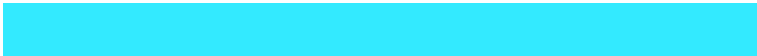
0.8911, 0.6135, 0.3511

Inverse Universe

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



57.0843, 0.2295, 0.3077



66.8151, 0.2215, 0.3029



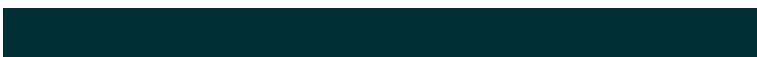
26.0453, 0.2023, 0.1947



16.8425, 0.2981, 0.3265



29.3496, 0.2157, 0.2965



2.3808, 0.2171, 0.3014

Previews

White Background



This preview shows how the Yxy color 25.6882, 0.5217, 0.3449 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 25.6882, 0.5217, 0.3449 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 25.6882, 0.5217, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 25.6882, 0.5217, 0.3449.



This preview shows how white text looks on a background with the Yxy color 25.6882, 0.5217, 0.3449.

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

25.6882, 0.5217, 0.3449

Protanopia

25.8527, 0.3742, 0.4028

Deuteranopia

25.8752, 0.4270, 0.4203



Tritanopia

25.6493, 0.5008, 0.3236

Trichromacy



Original Color

25.6882, 0.5217, 0.3449

Protanomaly

24.4474, 0.4292, 0.3778

Deuteranomaly

24.9072, 0.4650, 0.3869

Tritanomaly

25.6959, 0.5094, 0.3316

Monochromacy



Original Color

25.6882, 0.5217, 0.3449

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

22.5841, 0.3852, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6882, 0.5217, 0.3449 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(233, 93, 77)` looks like.

```
.text, #text, p{  
    color:rgb(233, 93, 77)  
}
```

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(233, 93, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 93, 77) }
```

Border

The CSS property to change the border of an element to Yxy 25.6882, 0.5217, 0.3449 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(233, 93, 77) }
```

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

```
.border{ border-color:rgb(233, 93, 77) }
```

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

Here you see how a box with a 4 pixel rgb(233, 93, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 93, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 93, 77);  
box-shadow:4px 4px 4px 4px rgb(233, 93,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6882, 0.5217, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 93, 77) }
```

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

```
.background{ background-color: rgb(233, 93,  
77) }
```

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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