

Converting Colors

$Y_{xy}(25.3580, 0.5379, 0.3635)$

Have a look what the booklet for
Yxy(25.3580, 0.5379, 0.3635)
contains.

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Color

Yxy(25.3129, 0.5377, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	E65F3A
RGB	230, 95, 58
RGB Percent	90%, 37%, 23%
CMY	0.0981, 0.6274, 0.7725
CMYK	0.00, 0.59, 0.75, 0.10
HSL	13°, 77%, 56%
HSV	13°, 75%, 90%
XYZ	37.4848, 25.3129, 6.9156
YIQ	131.1470, 92.3370, 17.1130

Conversions

Conversions Part 2

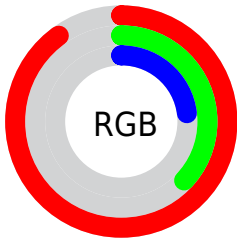
Format	Color
R_{YB}	230, 105, 58
Decimal	15097658
CIE Lab	57.38, 50.38, 46.72
CIE LCh	57, 68.709, 42.840
Yxy	25.3129, 0.5377, 0.3631
Android (android.graphics.Color)	4293287738 (0xFFE65F3A)
YUV	131.1470, -36.0615, 86.6941
Hunter-Lab	50.3119, 44.9453, 27.0687

Details

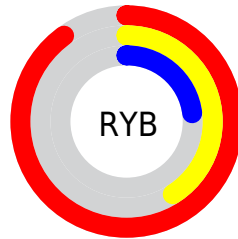
The Yxy color **25.3129, 0.5377, 0.3631** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **44.7406, 0.2173, 0.2771**, and the grayscale version is **22.8626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.8164, 0.4633, 0.3715**, and **9.6863, 0.6045, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **22.2456, 0.5754, 0.3597**, and if you desaturate by 10%, it is **29.2408, 0.4967, 0.3628**.

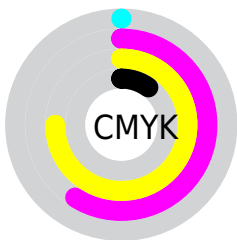
Distribution



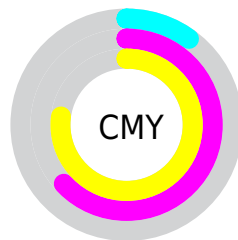
- Red (90%)
- Green (37%)
- Blue (23%)



- Red (90%)
- Yellow (41%)
- Blue (23%)



- Cyan (0%)
- Magenta (59%)
- Yellow (75%)
- Black (10%)





- Cyan (10%)
- Magenta (63%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3129, 0.5377, 0.3631 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 25.3129, 0.5377, 0.3631 by changing the saturation by 10% instead.


 25.3129, 0.5377,
0.3631


 25.3129, 0.5377,
0.3631


279.3926, 0.4174,
0.3570


 16.3103, 0.5674,
0.3593


 52.1644, 0.4935,
0.3645


 9.7440, 0.6037,
0.3507


 70.7821, 0.4769,
0.3639


 5.2296, 0.6589,
0.3389

 93.3736, 0.4630,
0.3629

 2.3826, 0.7005,
0.2995

 120.3234, 0.4511,
0.3617

 0.8169, 0.7627,
0.2373

 152.0158, 0.4409,
0.3605

 0.0000, 1.0000,
0.0000

 188.8352, 0.4320,

 0.0000, 0.0000,

0.3593

0.0000

231.1660, 0.4243,
0.3581

■ 25.3129, 0.5377,
0.3631

■ 25.3129, 0.5377,
0.3631

■ 22.2456, 0.5754,
0.3597

■ 29.2408, 0.4967,
0.3628

■ 19.9668, 0.6050,
0.3527

■ 34.0851, 0.4566,
0.3598


■ 19.0577, 0.6169,
0.3484


■ 39.9016, 0.4201,
0.3549


■ 46.7403, 0.3884,
0.3491

■ 54.6479, 0.3615,
0.3431

 63.6678, 0.3390,
0.3372

 73.8413, 0.3204,
0.3315

 85.2074, 0.3050,
0.3263

 95.5597, 0.2976,
0.3290

Harmonies

Analogous

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



25.3129, 0.4929, 0.2914



25.3129, 0.5377, 0.3631



25.3129, 0.5053, 0.4412

Triad

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



25.3129, 0.5377, 0.3631



25.3129, 0.2233, 0.4722



25.3129, 0.1828, 0.1669

Complementary

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



25.3129, 0.5377, 0.3631



44.7406, 0.2173, 0.2771

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.



25.3129, 0.1393, 0.1787



25.3129, 0.5377, 0.3631



25.3129, 0.1552, 0.3336

Square

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



25.3129, 0.5377, 0.3631



25.3129, 0.3223, 0.5477



25.3129, 0.1295, 0.2294



25.3129, 0.2654, 0.1847

Rectangle

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



25.3129, 0.5377, 0.3631



25.3129, 0.4545, 0.4940



25.3129, 0.1295, 0.2294



25.3129, 0.1642, 0.1673

Sweetspot

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



25.3143, 0.5377, 0.3631



71.9539, 0.3551, 0.3415



23.8145, 0.3608, 0.1950



14.7666, 0.3617, 0.3431



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.



25.3143, 0.5377, 0.3631



26.3494, 0.5937, 0.3561



49.1223, 0.4515, 0.4490



14.8682, 0.3287, 0.3341



10.9370, 0.6144, 0.3503



0.9426, 0.5866, 0.3724

Inverse Universe

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



44.7406, 0.2173, 0.2771



51.3888, 0.2082, 0.2646



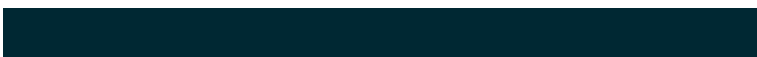
17.6795, 0.1853, 0.1519



15.7823, 0.2981, 0.3238



22.0160, 0.2051, 0.2584



1.7583, 0.2083, 0.2699

Previews

White Background



This preview shows how the Yxy color 25.3129, 0.5377, 0.3631 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 25.3129, 0.5377, 0.3631 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 25.3129, 0.5377, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 25.3129, 0.5377, 0.3631.



This preview shows how white text looks on a background with the Yxy color 25.3129, 0.5377, 0.3631.

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

25.3129, 0.5377, 0.3631

Protanopia

25.4042, 0.4000, 0.4350

Deuteranopia

25.3386, 0.4491, 0.4393



Tritanopia

25.3127, 0.4990, 0.3235

Trichromacy



Original Color

25.3129, 0.5377, 0.3631

Protanomaly

24.1362, 0.4536, 0.4055

Deuteranomaly

24.6741, 0.4852, 0.4079

Tritanomaly

25.2524, 0.5149, 0.3394

Monochromacy



Original Color

25.3129, 0.5377, 0.3631

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1718, 0.3945, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3129, 0.5377, 0.3631 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(230, 95, 58)` looks like.

```
.text, #text, p{  
    color:rgb(230, 95, 58)  
}
```

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(230, 95, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 95, 58) }
```

Border

The CSS property to change the border of an element to Yxy 25.3129, 0.5377, 0.3631 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(230, 95, 58) }
```

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

```
.border{ border-color:rgb(230, 95, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 95, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 95, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 95, 58);  
box-shadow:4px 4px 4px 4px rgb(230, 95,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3129, 0.5377, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 95, 58) }
```

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

```
.background{ background-color: rgb(230, 95,  
58) }
```

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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