

Converting Colors

$Y_{xy}(25.2223, 0.5830, 0.3386)$

Have a look what the booklet for
Yxy(25.2223, 0.5830, 0.3386)
contains.

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Color

Yxy(25.2152, 0.5832, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	FE4234
RGB	254, 66, 52
RGB Percent	100%, 26%, 20%
CMY	0.0039, 0.7412, 0.7959
CMYK	0.00, 0.74, 0.80, 0.00
HSL	4°, 99%, 60%
HSV	4°, 80%, 100%
XYZ	43.4431, 25.2152, 5.8326
YIQ	120.6160, 116.5420, 35.5020

Conversions

Conversions Part 2

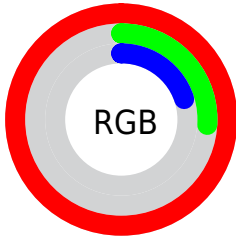
Format	Color
RYB	254, 67, 52
Decimal	16663092
CIELab	57.28, 69.27, 50.96
CIElCh	57, 85.995, 36.341
Yxy	25.2152, 0.5832, 0.3385
Android (android.graphics.Color)	4294853172 (0xFFFE4234)
YUV	120.6160, -33.8277, 116.9778
Hunter-Lab	50.2147, 66.5530, 28.2635

Details

The Yxy color **25.2152, 0.5832, 0.3385** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **70.2402, 0.2240, 0.3116**, and the grayscale version is **19.0758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.3783, 0.4856, 0.3547**, and **10.7023, 0.6373, 0.3285** is the 20% darker color. If you saturate the color by 10%, you get **22.8304, 0.6167, 0.3360**, and if you desaturate by 10%, it is **28.8671, 0.5396, 0.3397**.

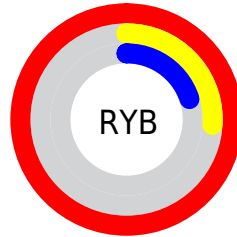
Distribution



Red (100%)

Green (26%)

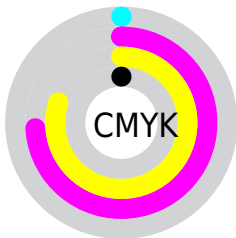
Blue (20%)



Red (100%)

Yellow (26%)

Blue (20%)

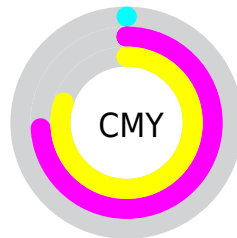


Cyan (0%)

Magenta (74%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (74%)


Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2152, 0.5832, 0.3385 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 25.2152, 0.5832, 0.3385 by changing the saturation by 10% instead.


 25.2152, 0.5832,
0.3385


 25.2152, 0.5832,
0.3385


278.9080, 0.4408,
0.3499


 16.2375, 0.6167,
0.3291


 52.0061, 0.5320,
0.3474

 9.6923, 0.6566,
0.3133


 70.5881, 0.5123,
0.3493


 5.1955, 0.7102,
0.2898

 93.1403, 0.4957,
0.3503

 2.3624, 0.7560,
0.2440

 120.0470, 0.4815,
0.3507

 0.8064, 0.8215,
0.1785

 151.6928, 0.4692,
0.3508

 0.0000, 1.0000,
0.0000

 188.4619, 0.4585,

 0.0000, 0.0000,

0.3506

0.0000

230.7389, 0.4491,
0.3503

■ 25.2152, 0.5832,
0.3385

■ 25.2152, 0.5832,
0.3385

■ 22.8304, 0.6167,
0.3360

■ 28.8671, 0.5396,
0.3397

■ 21.5302, 0.6357,
0.3330

■ 33.9242, 0.4929,
0.3395

■ 21.4893, 0.6364,
0.3329

■ 40.5115, 0.4487,
0.3383

■ 48.7390, 0.4099,
0.3366

■ 58.7066, 0.3774,
0.3346

 70.5062, 0.3508,
0.3326

 84.2232, 0.3293,
0.3307

99.8114, 0.3121,
0.3290

Harmonies

Analogous

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



25.2152, 0.5116, 0.2624



25.2152, 0.5832, 0.3385



25.2152, 0.5508, 0.4246

Triad

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



25.2152, 0.5832, 0.3385



25.2152, 0.2209, 0.5494



25.2152, 0.1449, 0.1395

Complementary

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



25.2152, 0.5832, 0.3385



70.2402, 0.2240, 0.3116

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.



25.2152, 0.1061, 0.1580



25.2152, 0.5832, 0.3385



25.2152, 0.1355, 0.3674

Square

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



25.2152, 0.5832, 0.3385



25.2152, 0.3375, 0.6020



25.2152, 0.1014, 0.2242



25.2152, 0.2280, 0.1532

Rectangle

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



25.2152, 0.5832, 0.3385



25.2152, 0.4914, 0.4910



25.2152, 0.1014, 0.2242



25.2152, 0.1278, 0.1417

Sweetspot

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



25.2167, 0.5832, 0.3385



65.5465, 0.3621, 0.3335



29.8558, 0.3341, 0.1722



13.1402, 0.3718, 0.3342



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.



25.2167, 0.5832, 0.3385



22.1909, 0.6289, 0.3342



48.7718, 0.4855, 0.4288



18.1884, 0.3293, 0.3307



11.4020, 0.6352, 0.3338



1.1772, 0.6243, 0.3425

Inverse Universe

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



70.2402, 0.2240, 0.3116



68.6093, 0.2194, 0.3080



26.5172, 0.1877, 0.1739



20.2539, 0.2980, 0.3273



35.6297, 0.2187, 0.3072



3.5310, 0.2194, 0.3099

Previews

White Background



This preview shows how the Yxy color 25.2152, 0.5832, 0.3385 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 25.2152, 0.5832, 0.3385 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 25.2152, 0.5832, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 25.2152, 0.5832, 0.3385.



This preview shows how white text looks on a background with the Yxy color 25.2152, 0.5832, 0.3385.

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

25.2152, 0.5832, 0.3385

Protanopia

25.3202, 0.3979, 0.4341

Deuteranopia

25.2442, 0.4575, 0.4500



Tritanopia

25.1310, 0.5709, 0.3284

Trichromacy



Original Color

25.2152, 0.5832, 0.3385

Protanomaly

22.7888, 0.4744, 0.3898

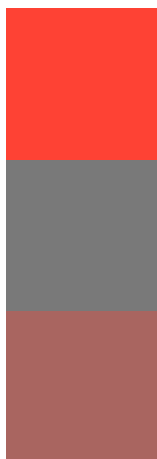
Deuteranomaly

23.2391, 0.5146, 0.3982

Tritanomaly

25.1883, 0.5755, 0.3324

Monochromacy



Original Color

25.2152, 0.5832, 0.3385

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5869, 0.4194, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2152, 0.5832, 0.3385 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(254, 66, 52)` looks like.

```
.text, #text, p{  
    color:rgb(254, 66, 52)  
}
```

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(254, 66, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 66, 52) }
```

Border

The CSS property to change the border of an element to Yxy 25.2152, 0.5832, 0.3385 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(254, 66, 52) }
```

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

```
.border{ border-color:rgb(254, 66, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 66, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 66, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 66, 52);  
box-shadow:4px 4px 4px 4px rgb(254, 66,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2152, 0.5832, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 66, 52) }
```

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

```
.background{ background-color: rgb(254, 66,  
52) }
```

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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