

Converting Colors

$Y_{xy}(25.5121, 0.5829, 0.3390)$

Have a look what the booklet for
Yxy(25.5121, 0.5829, 0.3390)
contains.

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Color

Yxy(25.5222, 0.5829, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	FF4334
RGB	255, 67, 52
RGB Percent	100%, 26%, 20%
CMY	0.0001, 0.7370, 0.7961
CMYK	0.00, 0.74, 0.80, 0.00
HSL	4°, 100%, 60%
HSV	4°, 80%, 100%
XYZ	43.8588, 25.5222, 5.8614
YIQ	121.5020, 116.8630, 35.1910

Conversions

Conversions Part 2

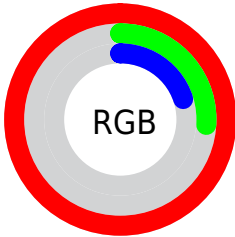
Format	Color
R_{YB}	255, 68, 52
Decimal	16728884
CIE Lab	57.58, 69.22, 51.35
CIE LCh	58, 86.183, 36.569
Yxy	25.5222, 0.5829, 0.3392
Android (android.graphics.Color)	4294918964 (0xFFFF4334)
YUV	121.5020, -34.2645, 117.0777
Hunter-Lab	50.5195, 66.5565, 28.4847

Details

The Yxy color **25.5222, 0.5829, 0.3392** 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 **70.2044, 0.2236, 0.3103**, and the grayscale version is **19.3847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.6379, 0.4849, 0.3557**, and **10.8276, 0.6379, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **23.0924, 0.6164, 0.3365**, and if you desaturate by 10%, it is **29.2219, 0.5394, 0.3405**.

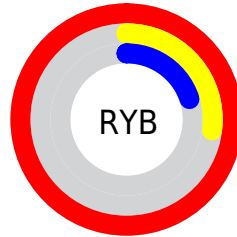
Distribution



Red (100%)

Green (26%)

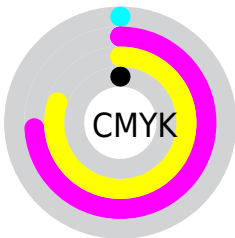
Blue (20%)



Red (100%)

Yellow (27%)

Blue (20%)

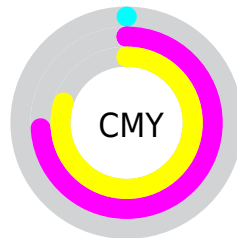


Cyan (0%)

Magenta (74%)

Yellow (80%)

Black (0%)



Cyan (0%)


Magenta (74%)

Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5222, 0.5829, 0.3392 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 25.5222, 0.5829, 0.3392 by changing the saturation by 10% instead.


 25.5222, 0.5829,
0.3392


 25.5222, 0.5829,
0.3392


280.4286, 0.4410,
0.3503


 16.4665, 0.6162,
0.3299


 52.5031, 0.5319,
0.3480

 9.8549, 0.6558,
0.3143


 71.1972, 0.5124,
0.3498


 5.3028, 0.7089,
0.2911

 93.8728, 0.4958,
0.3508

 2.4260, 0.7543,
0.2457

 120.9144, 0.4816,
0.3512

 0.8392, 0.8188,
0.1812

 152.7064, 0.4693,
0.3512

 0.0000, 1.0000,
0.0000


 189.6332, 0.4586,


 0.0000, 0.0000,


0.3511


0.0000


232.0791, 0.4492,
0.3507


 25.5222, 0.5829,
0.3392


 25.5222, 0.5829,
0.3392


 23.0924, 0.6164,
0.3365


 29.2219, 0.5394,
0.3405


 21.7517, 0.6355,
0.3332


 34.3282, 0.4929,
0.3403

 21.7181, 0.6360,
0.3332

 40.9652, 0.4488,
0.3390

 49.2421, 0.4101,
0.3372

 59.2580, 0.3776,
0.3351

 71.1044, 0.3510,
0.3329

 84.8661, 0.3295,
0.3308

99.9944, 0.3127,
0.3290

Harmonies

Analogous

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



25.5222, 0.5122, 0.2631



25.5222, 0.5829, 0.3392



25.5222, 0.5499, 0.4253

Triad

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



25.5222, 0.5829, 0.3392



25.5222, 0.2203, 0.5478



25.5222, 0.1456, 0.1397

Complementary

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



25.5222, 0.5829, 0.3392



70.2044, 0.2236, 0.3103

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.



25.5222, 0.1065, 0.1579



25.5222, 0.5829, 0.3392



25.5222, 0.1353, 0.3659

Square

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



25.5222, 0.5829, 0.3392



25.5222, 0.3367, 0.6018



25.5222, 0.1015, 0.2236



25.5222, 0.2290, 0.1536

Rectangle

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



25.5222, 0.5829, 0.3392



25.5222, 0.4905, 0.4917



25.5222, 0.1015, 0.2236



25.5222, 0.1283, 0.1418

Sweetspot

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



25.5237, 0.5829, 0.3392



65.6926, 0.3620, 0.3339



30.0859, 0.3341, 0.1721



13.1741, 0.3717, 0.3346



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.



25.5237, 0.5829, 0.3392



22.1312, 0.6301, 0.3342



49.1429, 0.4857, 0.4288



18.2036, 0.3293, 0.3308



11.4285, 0.6348, 0.3342



1.1844, 0.6232, 0.3434

Inverse Universe

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



70.2044, 0.2236, 0.3103



67.7477, 0.2188, 0.3061



26.6876, 0.1875, 0.1736



20.2368, 0.2980, 0.3272



35.2342, 0.2182, 0.3056



3.4968, 0.2190, 0.3084

Previews

White Background



This preview shows how the Yxy color 25.5222, 0.5829, 0.3392 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 25.5222, 0.5829, 0.3392 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 25.5222, 0.5829, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 25.5222, 0.5829, 0.3392.



This preview shows how white text looks on a background with the Yxy color 25.5222, 0.5829, 0.3392.

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

25.5222, 0.5829, 0.3392

Protanopia

25.7054, 0.3983, 0.4350

Deuteranopia

25.6286, 0.4574, 0.4504



Tritanopia

25.5738, 0.5680, 0.3284

Trichromacy



Original Color

25.5222, 0.5829, 0.3392

Protanomaly

23.1391, 0.4744, 0.3907

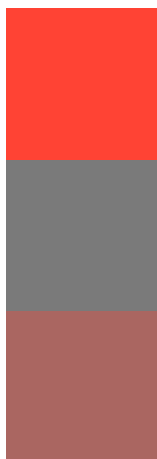
Deuteranomaly

23.5888, 0.5142, 0.3989

Tritanomaly

25.5042, 0.5743, 0.3324

Monochromacy



Original Color

25.5222, 0.5829, 0.3392

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.9119, 0.4185, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5222, 0.5829, 0.3392 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(255, 67, 52)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 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(255, 67, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 52) }
```

Border

The CSS property to change the border of an element to Yxy 25.5222, 0.5829, 0.3392 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(255, 67, 52) }
```

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

```
.border{ border-color:rgb(255, 67, 52) }
```

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

Here you see how a box with a 4 pixel rgb(255, 67, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 52);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
52) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5222, 0.5829, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 52) }
```

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

```
.background{ background-color: rgb(255, 67,  
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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