

Converting Colors

$Y_{xy}(25.2537, 0.5633, 0.3559)$

Have a look what the booklet for
Yxy(25.2537, 0.5633, 0.3559)
contains.

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Color

$\text{Yxy}(25.2717, 0.5631, 0.3555)$

Conversions

Conversions Part 1

Format	Color
Hex	F15432
RGB	241, 84, 50
RGB Percent	95%, 33%, 20%
CMY	0.0548, 0.6707, 0.8039
CMYK	0.00, 0.65, 0.79, 0.05
HSL	11°, 87%, 57%
HSV	11°, 79%, 95%
XYZ	40.0295, 25.2717, 5.7865
YIQ	127.0670, 104.4860, 22.7100

Conversions

Conversions Part 2

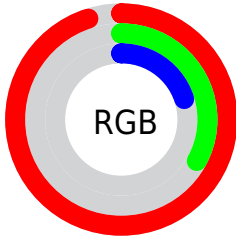
Format	Color
R_{YB}	241, 91, 50
Decimal	15815730
CIE Lab	57.34, 58.67, 51.25
CIE LCh	57, 77.903, 41.140
Yxy	25.2717, 0.5631, 0.3555
Android (android.graphics.Color)	4294005810 (0xFFFF15432)
YUV	127.0670, -37.9940, 99.9192
Hunter-Lab	50.2710, 54.1609, 28.3650

Details

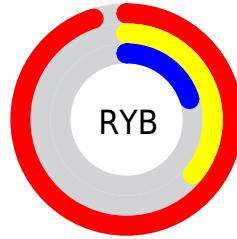
The Yxy color **25.2717, 0.5631, 0.3555** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **51.6870, 0.2168, 0.2835**, and the grayscale version is **21.3516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9170, 0.4776, 0.3696**, and **9.7480, 0.6322, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **22.4648, 0.5980, 0.3506**, and if you desaturate by 10%, it is **29.0608, 0.5217, 0.3571**.

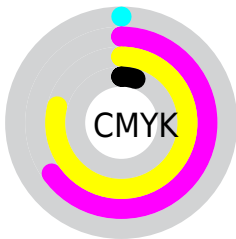
Distribution



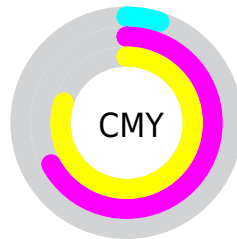
- Red (95%)
- Green (33%)
- Blue (20%)



- Red (95%)
- Yellow (36%)
- Blue (20%)



- Cyan (0%)
- Magenta (65%)
- Yellow (79%)
- Black (5%)





- Cyan (5%)
- Magenta (67%)
- Yellow (80%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2717, 0.5631, 0.3555 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 25.2717, 0.5631, 0.3555 by changing the saturation by 10% instead.


 25.2717, 0.5631,
0.3555

 25.2717, 0.5631,
0.3555


279.1883, 0.4309,
0.3566


 16.2796, 0.5945,
0.3488


 52.0977, 0.5154,
0.3604


 9.7222, 0.6320,
0.3363


 70.7003, 0.4971,
0.3608


 5.2152, 0.6832,
0.3168

 93.2752, 0.4817,
0.3606

 2.3741, 0.7264,
0.2736

 120.2069, 0.4685,
0.3601

 0.8125, 0.7908,
0.2092

 151.8796, 0.4571,
0.3593

 0.0000, 1.0000,
0.0000

 188.6779, 0.4472,

 0.0000, 0.0000,

0.3584

0.0000

230.9860, 0.4386,
0.3575

■ 25.2717, 0.5631,
0.3555

■ 25.2717, 0.5631,
0.3555

■ 22.4648, 0.5980,
0.3506

■ 29.0608, 0.5217,
0.3571

■ 20.5368, 0.6222,
0.3434


■ 33.9095, 0.4790,
0.3558


■ 20.4235, 0.6237,
0.3430


■ 39.8922, 0.4391,
0.3524

■ 47.0753, 0.4039,
0.3479

■ 55.5200, 0.3740,
0.3430

 65.2833, 0.3490,
0.3380

 76.4185, 0.3285,
0.3332

 88.9761, 0.3116,
0.3287

 97.4460, 0.3042,
0.3290

Harmonies

Analogous

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



25.2717, 0.5106, 0.2805



25.2717, 0.5631, 0.3555



25.2717, 0.5258, 0.4395

Triad

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



25.2717, 0.5631, 0.3555



25.2717, 0.2156, 0.5031



25.2717, 0.1658, 0.1517

Complementary

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



25.2717, 0.5631, 0.3555



51.6870, 0.2168, 0.2835

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.



25.2717, 0.1223, 0.1650



25.2717, 0.5631, 0.3555



25.2717, 0.1409, 0.3401

Square

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



25.2717, 0.5631, 0.3555



25.2717, 0.3238, 0.5791



25.2717, 0.1132, 0.2205



25.2717, 0.2525, 0.1693

Rectangle

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



25.2717, 0.5631, 0.3555



25.2717, 0.4687, 0.5004



25.2717, 0.1132, 0.2205



25.2717, 0.1470, 0.1525

Sweetspot

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



25.2732, 0.5631, 0.3555



68.6569, 0.3605, 0.3404



25.6009, 0.3564, 0.1864



13.8655, 0.3697, 0.3422



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.



25.2732, 0.5631, 0.3555



24.1000, 0.6138, 0.3463



50.5214, 0.4653, 0.4464



16.2132, 0.3289, 0.3333



11.2093, 0.6215, 0.3448



1.0602, 0.5980, 0.3634

Inverse Universe

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



51.6870, 0.2168, 0.2835



54.3525, 0.2097, 0.2731



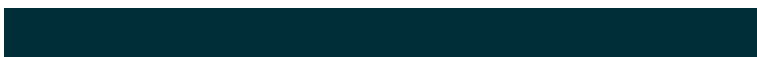
18.9940, 0.1813, 0.1486



17.4229, 0.2981, 0.3247



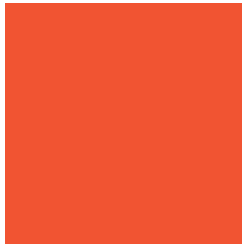
25.5619, 0.2087, 0.2712



2.2502, 0.2110, 0.2796

Previews

White Background



This preview shows how the Yxy color 25.2717, 0.5631, 0.3555 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 25.2717, 0.5631, 0.3555 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 25.2717, 0.5631, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 25.2717, 0.5631, 0.3555.



This preview shows how white text looks on a background with the Yxy color 25.2717, 0.5631, 0.3555.

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

25.2717, 0.5631, 0.3555

Protanopia

25.3309, 0.4054, 0.4430

Deuteranopia

25.2504, 0.4570, 0.4493



Tritanopia

25.2547, 0.5306, 0.3261

Trichromacy



Original Color

25.2717, 0.5631, 0.3555

Protanomaly

23.5974, 0.4684, 0.4048

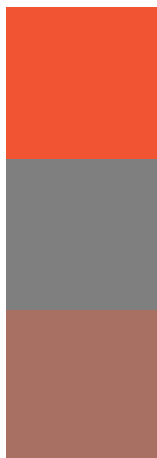
Deuteranomaly

24.2076, 0.5019, 0.4087

Tritanomaly

25.2300, 0.5444, 0.3372

Monochromacy



Original Color

25.2717, 0.5631, 0.3555

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

20.5946, 0.4069, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2717, 0.5631, 0.3555 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(241, 84, 50)` looks like.

```
.text, #text, p{  
    color:rgb(241, 84, 50)  
}
```

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(241, 84, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 84, 50) }
```

Border

The CSS property to change the border of an element to Yxy 25.2717, 0.5631, 0.3555 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(241, 84, 50) }
```

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

```
.border{ border-color:rgb(241, 84, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 84, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 84, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 84, 50);  
box-shadow:4px 4px 4px 4px rgb(241, 84,  
50) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2717, 0.5631, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 84, 50) }
```

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

```
.background{ background-color: rgb(241, 84,  
50) }
```

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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