

Converting Colors

$Y_{xy}(25.9905, 0.5960, 0.3542)$

Have a look what the booklet for
Yxy(25.9905, 0.5960, 0.3542)
contains.

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Color

Yxy(25.9649, 0.5964, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	FF4819
RGB	255, 72, 25
RGB Percent	100%, 28%, 10%
CMY	0.0000, 0.7176, 0.9017
CMYK	0.00, 0.72, 0.90, 0.00
HSL	12°, 100%, 55%
HSV	12°, 90%, 100%
XYZ	43.7319, 25.9649, 3.6297
YIQ	121.3590, 124.1550, 24.1790

Conversions

Conversions Part 2

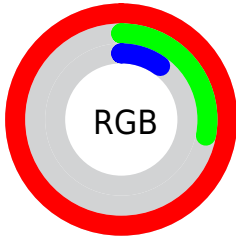
Format	Color
R_{YB}	255, 84, 25
Decimal	16730137
CIE _{Lab}	58.00, 67.02, 63.23
CIE _{LCh}	58, 92.137, 43.331
Yxy	25.9649, 0.5964, 0.3541
Android (android.graphics.Color)	4294920217 (0xFFFF4819)
YUV	121.3590, -47.5050, 117.2032
Hunter-Lab	50.9558, 64.0219, 31.4457

Details

The Yxy color **25.9649, 0.5964, 0.3541** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **52.5547, 0.2091, 0.2679**, and the grayscale version is **19.3746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.0284, 0.5049, 0.3787**, and **10.8188, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **23.7219, 0.6197, 0.3461**, and if you desaturate by 10%, it is **29.2022, 0.5626, 0.3597**.

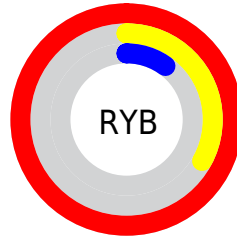
Distribution



Red (100%)

Green (28%)

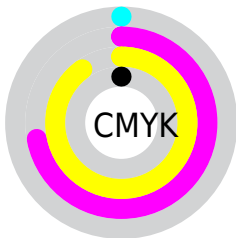
Blue (10%)



Red (100%)

Yellow (33%)

Blue (10%)

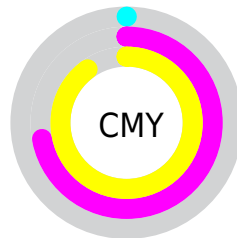


Cyan (0%)

Magenta (72%)

Yellow (90%)

Black (0%)



Cyan (0%)


Magenta (72%)


Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9649, 0.5964, 0.3541 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 25.9649, 0.5964, 0.3541 by changing the saturation by 10% instead.


 25.9649, 0.5964,
0.3541


 25.9649, 0.5964,
0.3541

282.6097, 0.4524,
0.3627


 16.7974, 0.6272,
0.3437


 53.2183, 0.5468,
0.3634


 10.0901, 0.6665,
0.3283


 72.0730, 0.5271,
0.3651


 5.4588, 0.7020,
0.2980

 94.9255, 0.5100,
0.3657

 2.5189, 0.7463,
0.2537

 122.1603, 0.4953,
0.3656

 0.8861, 0.8096,
0.1904

 154.1617, 0.4825,
0.3652


 0.0000, 1.0000,
0.0000


 191.3142, 0.4712,


 0.0000, 0.0000,


0.3645

0.0000


 234.0020, 0.4612,
0.3636


 25.9649, 0.5964,
0.3541


 25.9649, 0.5964,
0.3541


 23.7219, 0.6197,
0.3461

 29.2022, 0.5626,
0.3597

 33.5031, 0.5223,
0.3615

 38.9553, 0.4806,
0.3601

 45.6357, 0.4412,
0.3564

 53.6143, 0.4061,
0.3513

62.9558, 0.3761,
0.3456

73.7203, 0.3510,
0.3398

85.9647, 0.3302,
0.3343

99.7422, 0.3130,
0.3291

Harmonies

Analogous

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



25.9649, 0.5507, 0.2756



25.9649, 0.5964, 0.3541



25.9649, 0.5391, 0.4467

Triad

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



25.9649, 0.5964, 0.3541



25.9649, 0.1891, 0.5257



25.9649, 0.1532, 0.1328

Complementary

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



25.9649, 0.5964, 0.3541



52.5547, 0.2091, 0.2679

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.



25.9649, 0.1047, 0.1427



25.9649, 0.5964, 0.3541



25.9649, 0.1146, 0.3245

Square

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



25.9649, 0.5964, 0.3541



25.9649, 0.3050, 0.6225



25.9649, 0.0917, 0.1957



25.9649, 0.2516, 0.1539

Rectangle

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



25.9649, 0.5964, 0.3541



25.9649, 0.4693, 0.5195



25.9649, 0.0917, 0.1957



25.9649, 0.1324, 0.1325

Sweetspot

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



25.9665, 0.5964, 0.3541



66.2182, 0.3677, 0.3438



26.5604, 0.3731, 0.1866



13.4241, 0.3768, 0.3457



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.



25.9665, 0.5964, 0.3541



23.7231, 0.6197, 0.3461



56.4526, 0.4751, 0.4548



18.5878, 0.3289, 0.3339



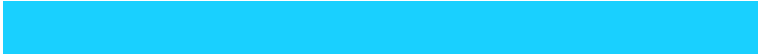
12.5638, 0.6172, 0.3481



1.3700, 0.5966, 0.3645

Inverse Universe

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



52.5547, 0.2091, 0.2679



49.8940, 0.2057, 0.2606



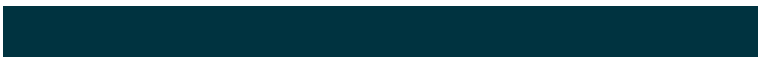
15.4393, 0.1672, 0.1150



19.8142, 0.2980, 0.3240



26.2908, 0.2061, 0.2619



2.7114, 0.2084, 0.2704

Previews

White Background



This preview shows how the Yxy color 25.9649, 0.5964, 0.3541 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 25.9649, 0.5964, 0.3541 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 25.9649, 0.5964, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 25.9649, 0.5964, 0.3541.



This preview shows how white text looks on a background with the Yxy color 25.9649, 0.5964, 0.3541.

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

25.9649, 0.5964, 0.3541

Protanopia

26.0914, 0.4250, 0.4678

Deuteranopia

26.0052, 0.4701, 0.4650



Tritanopia

25.9712, 0.5626, 0.3283

Trichromacy



Original Color

25.9649, 0.5964, 0.3541

Protanomaly

23.7263, 0.4997, 0.4169

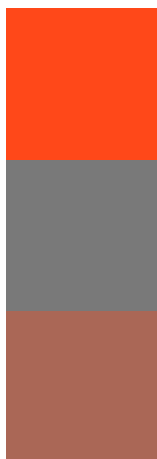
Deuteranomaly

24.3677, 0.5274, 0.4158

Tritanomaly

25.9067, 0.5789, 0.3401

Monochromacy



Original Color

25.9649, 0.5964, 0.3541

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.9184, 0.4338, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9649, 0.5964, 0.3541 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, 72, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 72, 25)  
}
```

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, 72, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 72, 25) }
```

Border

The CSS property to change the border of an element to Yxy 25.9649, 0.5964, 0.3541 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, 72, 25) }
```

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

```
.border{ border-color:rgb(255, 72, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 72, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 72, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 72, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 72,  
25) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9649, 0.5964, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 72, 25) }
```

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

```
.background{ background-color: rgb(255, 72,  
25) }
```

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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