

Converting Colors

$Yxy(28.5498, 0.5352, 0.3547)$

Have a look what the booklet for
Yxy(28.5498, 0.5352, 0.3547)
contains.

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Color

Yxy(28.5775, 0.5350, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	F56245
RGB	245, 98, 69
RGB Percent	96%, 38%, 27%
CMY	0.0393, 0.6156, 0.7294
CMYK	0.00, 0.60, 0.72, 0.04
HSL	10°, 90%, 62%
HSV	10°, 72%, 96%
XYZ	43.0918, 28.5775, 8.8761
YIQ	138.6470, 96.9210, 22.1450

Conversions

Conversions Part 2

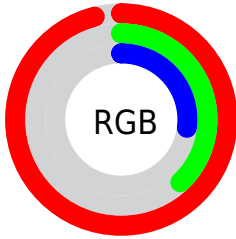
Format	Color
R_{YB}	245, 104, 69
Decimal	16081477
CIE _{Lab}	60.41, 54.77, 45.02
CIE _{LCh}	60, 70.896, 39.418
Yxy	28.5775, 0.5350, 0.3548
Android (android.graphics.Color)	4294271557 (0xFFFF56245)
YUV	138.6470, -34.3360, 93.2716
Hunter-Lab	53.4579, 50.3353, 27.5761

Details

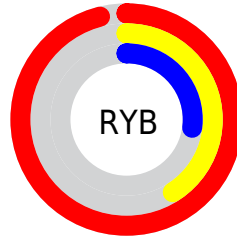
The Yxy color **28.5775, 0.5350, 0.3548** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **56.9424, 0.2224, 0.2913**, and the grayscale version is **25.7869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3744, 0.4491, 0.3642**, and **11.5206, 0.6004, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **24.9823, 0.5756, 0.3524**, and if you desaturate by 10%, it is **33.2796, 0.4917, 0.3543**.

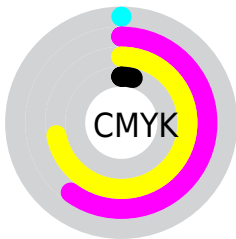
Distribution



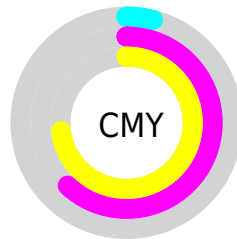
- Red (96%)
- Green (38%)
- Blue (27%)



- Red (96%)
- Yellow (41%)
- Blue (27%)



- Cyan (0%)
- Magenta (60%)
- Yellow (72%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.5775, 0.5350, 0.3548 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 28.5775, 0.5350, 0.3548 by changing the saturation by 10% instead.


 28.5775, 0.5350,
0.3548


 28.5775, 0.5350,
0.3548


295.2162, 0.4177,
0.3524


 18.7614, 0.5638,
0.3508


 57.4051, 0.4921,
0.3571


 11.4980, 0.5994,
0.3428


 77.1855, 0.4760,
0.3570

 6.4029, 0.6451,
0.3284


 101.0561, 0.4623,
0.3565

 3.0916, 0.7000,
0.3000

 129.4013, 0.4507,
0.3558

 1.1797, 0.7554,
0.2446

 162.6055, 0.4407,
0.3550

 0.0450, 0.9709,
0.0291

201.0532, 0.4320,

 0.0000, 1.0000,

0.3541

0.0000

245.1286, 0.4244,
0.3532

■ 0.0000, 0.0000,
0.0000

■ 28.5775, 0.5350,
0.3548

■ 28.5775, 0.5350,
0.3548

■ 24.9823, 0.5756,
0.3524

■ 33.2796, 0.4917,
0.3543

■ 22.3965, 0.6079,
0.3469

■ 39.1656, 0.4503,
0.3517

■ 20.9531, 0.6258,
0.3413


■ 46.3109, 0.4133,
0.3478

■ 54.7836, 0.3816,
0.3432

■ 64.6464, 0.3552,
0.3385

 75.9584, 0.3335,
0.3340

 88.7749, 0.3156,
0.3297

 98.1479, 0.3066,
0.3290

Harmonies

Analogous

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



28.5775, 0.4812, 0.2841



28.5775, 0.5350, 0.3548



28.5775, 0.5108, 0.4318

Triad

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



28.5775, 0.5350, 0.3548



28.5775, 0.2344, 0.4844



28.5775, 0.1769, 0.1678

Complementary

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



28.5775, 0.5350, 0.3548



56.9424, 0.2224, 0.2913

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.



28.5775, 0.1376, 0.1834



28.5775, 0.5350, 0.3548



28.5775, 0.1620, 0.3488

Square

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



28.5775, 0.5350, 0.3548



28.5775, 0.3344, 0.5468



28.5775, 0.1317, 0.2392



28.5775, 0.2545, 0.1823

Rectangle

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



28.5775, 0.5350, 0.3548



28.5775, 0.4635, 0.4845



28.5775, 0.1317, 0.2392



28.5775, 0.1599, 0.1693

Sweetspot

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



28.5791, 0.5350, 0.3548



70.5655, 0.3557, 0.3386



28.7574, 0.3482, 0.1907



14.4444, 0.3625, 0.3399



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.



28.5791, 0.5350, 0.3548



26.0038, 0.5910, 0.3504



53.8641, 0.4543, 0.4390



16.9240, 0.3290, 0.3330



11.4225, 0.6237, 0.3430



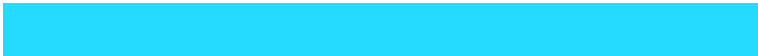
1.1292, 0.6021, 0.3601

Inverse Universe

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



56.9424, 0.2224, 0.2913



58.1627, 0.2141, 0.2827



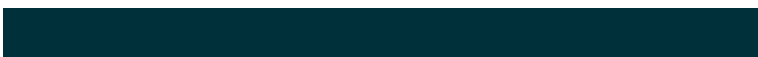
23.9808, 0.1921, 0.1706



18.2651, 0.2980, 0.3250



27.1428, 0.2099, 0.2755



2.5068, 0.2119, 0.2829

Previews

White Background



This preview shows how the Yxy color 28.5775, 0.5350, 0.3548 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 28.5775, 0.5350, 0.3548 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 28.5775, 0.5350, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 28.5775, 0.5350, 0.3548.



This preview shows how white text looks on a background with the Yxy color 28.5775, 0.5350, 0.3548.

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

28.5775, 0.5350, 0.3548

Protanopia

28.6872, 0.3894, 0.4229

Deuteranopia

28.6152, 0.4411, 0.4337



Tritanopia

28.5183, 0.5032, 0.3239

Trichromacy



Original Color

28.5775, 0.5350, 0.3548

Protanomaly

27.3414, 0.4447, 0.3954

Deuteranomaly

27.6116, 0.4790, 0.4007

Tritanomaly

28.4985, 0.5163, 0.3351

Monochromacy



Original Color

28.5775, 0.5350, 0.3548

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0952, 0.3921, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.5775, 0.5350, 0.3548 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(245, 98, 69)` looks like.

```
.text, #text, p{  
    color:rgb(245, 98, 69)  
}
```

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(245, 98, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 98, 69) }
```

Border

The CSS property to change the border of an element to Yxy 28.5775, 0.5350, 0.3548 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(245, 98, 69) }
```

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

```
.border{ border-color:rgb(245, 98, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 98, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 98, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 98, 69);  
box-shadow:4px 4px 4px 4px rgb(245, 98,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 28.5775, 0.5350, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 98, 69) }
```

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

```
.background{ background-color: rgb(245, 98,  
69) }
```

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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