

Converting Colors

$Y_{xy}(28.4636, 0.5355, 0.3516)$

Have a look what the booklet for
Yxy(28.4636, 0.5355, 0.3516)
contains.

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Color

$\text{Yxy}(28.4135, 0.5355, 0.3512)$

Conversions

Conversions Part 1

Format	Color
Hex	F66047
RGB	246, 96, 71
RGB Percent	96%, 38%, 28%
CMY	0.0353, 0.6235, 0.7215
CMYK	0.00, 0.61, 0.71, 0.04
HSL	9°, 91%, 62%
HSV	9°, 71%, 96%
XYZ	43.3241, 28.4135, 9.1664
YIQ	138.0000, 97.4250, 24.0250

Conversions

Conversions Part 2

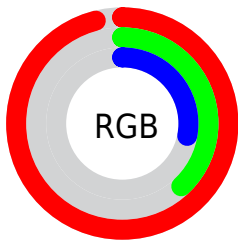
Format	Color
R_{YB}	246, 100, 71
Decimal	16146503
CIE Lab	60.26, 56.09, 43.83
CIE LCh	60, 71.183, 38.004
Yxy	28.4135, 0.5355, 0.3512
Android (android.graphics.Color)	4294336583 (0xFFFF66047)
YUV	138.0000, -33.0310, 94.7160
Hunter-Lab	53.3043, 51.7968, 27.1173

Details

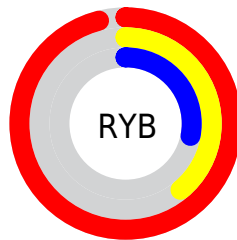
The Yxy color **28.4135, 0.5355, 0.3512** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **59.7050, 0.2242, 0.2969**, and the grayscale version is **25.5198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0969, 0.4478, 0.3612**, and **11.3384, 0.6006, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **24.8145, 0.5770, 0.3491**, and if you desaturate by 10%, it is **33.1751, 0.4914, 0.3508**.

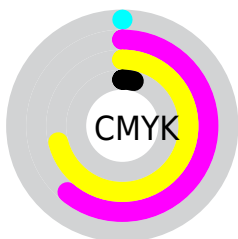
Distribution



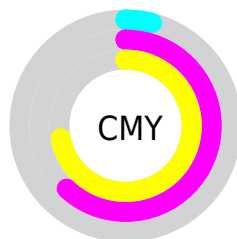
- Red (96%)
- Green (38%)
- Blue (28%)



- Red (96%)
- Yellow (39%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (71%)
- Black (4%)





- Cyan (4%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4135, 0.5355, 0.3512 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 28.4135, 0.5355, 0.3512 by changing the saturation by 10% instead.


 28.4135, 0.5355,
0.3512


 28.4135, 0.5355,
0.3512


294.4375, 0.4176,
0.3505

 18.6376, 0.5646,
0.3469


 57.1439, 0.4923,
0.3541


 11.4087, 0.6007,
0.3386

 76.8673, 0.4760,
0.3542

 6.3424, 0.6468,
0.3235


 100.6752, 0.4624,
0.3538

 3.0544, 0.7046,
0.2954

 128.9521, 0.4507,
0.3533

 1.1602, 0.7607,
0.2393

 162.0824, 0.4407,
0.3527

 0.0288, 0.9815,
0.0185

200.4505, 0.4320,

 0.0000, 1.0000,

0.3519

0.0000

244.4407, 0.4243,
0.3512

■ 0.0000, 0.0000,
0.0000

■ 28.4135, 0.5355,
0.3512

■ 28.4135, 0.5355,
0.3512

■ 24.8145, 0.5770,
0.3491

■ 33.1751, 0.4914,
0.3508

■ 22.2722, 0.6099,
0.3442


■ 39.1834, 0.4493,
0.3485

■ 20.8009, 0.6289,
0.3388


■ 46.5201, 0.4120,
0.3450

■ 55.2588, 0.3802,
0.3411

■ 65.4673, 0.3538,
0.3370

 77.2093, 0.3322,
0.3331

 90.5445, 0.3145,
0.3294

 98.3308, 0.3072,
0.3290

Harmonies

Analogous

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



28.4135, 0.4778, 0.2807



28.4135, 0.5355, 0.3512



28.4135, 0.5142, 0.4282

Triad

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



28.4135, 0.5355, 0.3512



28.4135, 0.2382, 0.4909



28.4135, 0.1736, 0.1671

Complementary

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



28.4135, 0.5355, 0.3512



59.7050, 0.2242, 0.2969

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.



28.4135, 0.1359, 0.1843



28.4135, 0.5355, 0.3512



28.4135, 0.1637, 0.3553

Square

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



28.4135, 0.5355, 0.3512



28.4135, 0.3392, 0.5482



28.4135, 0.1315, 0.2425



28.4135, 0.2495, 0.1803

Rectangle

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



28.4135, 0.5355, 0.3512



28.4135, 0.4680, 0.4814



28.4135, 0.1315, 0.2425



28.4135, 0.1571, 0.1691

Sweetspot

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



28.4151, 0.5355, 0.3512



71.1478, 0.3536, 0.3370



29.4100, 0.3445, 0.1893



14.5367, 0.3604, 0.3381



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.



28.4151, 0.5355, 0.3512



25.6838, 0.5916, 0.3474



53.4347, 0.4554, 0.4358



16.8642, 0.3290, 0.3324



11.2231, 0.6269, 0.3404



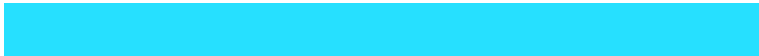
1.1010, 0.6067, 0.3565

Inverse Universe

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



59.7050, 0.2242, 0.2969



60.9693, 0.2163, 0.2897



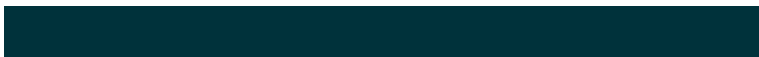
25.3717, 0.1940, 0.1763



18.3306, 0.2980, 0.3255



28.5409, 0.2120, 0.2830



2.6167, 0.2137, 0.2894

Previews

White Background



This preview shows how the Yxy color 28.4135, 0.5355, 0.3512 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 28.4135, 0.5355, 0.3512 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 28.4135, 0.5355, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 28.4135, 0.5355, 0.3512.



This preview shows how white text looks on a background with the Yxy color 28.4135, 0.5355, 0.3512.

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

28.4135, 0.5355, 0.3512

Protanopia

28.6333, 0.3854, 0.4190

Deuteranopia

28.6368, 0.4395, 0.4316



Tritanopia

28.3103, 0.5080, 0.3240

Trichromacy



Original Color

28.4135, 0.5355, 0.3512

Protanomaly

27.1239, 0.4424, 0.3906

Deuteranomaly

27.5267, 0.4792, 0.3972

Tritanomaly

28.3074, 0.5198, 0.3341

Monochromacy



Original Color

28.4135, 0.5355, 0.3512

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7279, 0.3914, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4135, 0.5355, 0.3512 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(246, 96, 71)` looks like.

```
.text, #text, p{  
    color:rgb(246, 96, 71)  
}
```

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(246, 96, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 96, 71) }
```

Border

The CSS property to change the border of an element to Yxy 28.4135, 0.5355, 0.3512 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(246, 96, 71) }
```

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

```
.border{ border-color:rgb(246, 96, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 96, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 96, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 96, 71);  
box-shadow:4px 4px 4px 4px rgb(246, 96,  
71) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4135, 0.5355, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 96, 71) }
```

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

```
.background{ background-color: rgb(246, 96,  
71) }
```

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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