

Converting Colors

$Y_{xy}(30.2529, 0.4955, 0.3456)$

Have a look what the booklet for
Yxy(30.2529, 0.4955, 0.3456)
contains.

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Color

Yxy(30.2529, 0.4955, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	F06D5D
RGB	240, 109, 93
RGB Percent	94%, 43%, 36%
CMY	0.0589, 0.5725, 0.6353
CMYK	0.00, 0.55, 0.61, 0.06
HSL	7°, 83%, 65%
HSV	7°, 61%, 94%
XYZ	43.3747, 30.2529, 13.9097
YIQ	146.3450, 83.2120, 22.7960

Conversions

Conversions Part 2

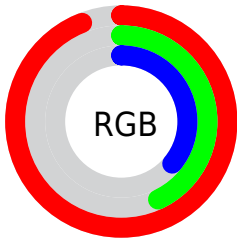
Format	Color
R _Y B	240, 111, 93
Decimal	15756637
CIE Lab	61.87, 49.29, 33.53
CIE LCh	62, 59.619, 34.227
Yxy	30.2529, 0.4955, 0.3456
Android (android.graphics.Color)	4293946717 (0xFFFF06D5D)
YUV	146.3450, -26.2991, 82.1354
Hunter-Lab	55.0026, 44.5094, 23.5079

Details

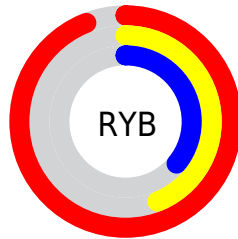
The Yxy color **30.2529, 0.4955, 0.3456** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **61.9064, 0.2336, 0.3085**, and the grayscale version is **28.9811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8245, 0.4187, 0.3503**, and **12.3946, 0.5536, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **25.8723, 0.5408, 0.3458**, and if you desaturate by 10%, it is **35.8797, 0.4522, 0.3439**.

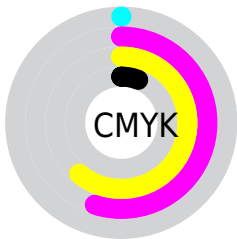
Distribution



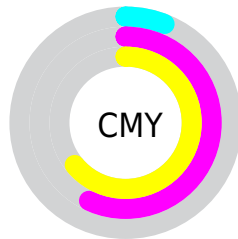
- Red (94%)
- Green (43%)
- Blue (36%)



- Red (94%)
- Yellow (44%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (61%)
- Black (6%)





- Cyan (6%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2529, 0.4955, 0.3456 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 30.2529, 0.4955, 0.3456 by changing the saturation by 10% instead.


 30.2529, 0.4955,
0.3456


 30.2529, 0.4955,
0.3456


303.0815, 0.3979,
0.3436


 20.0306, 0.5208,
0.3434


 60.0619, 0.4591,
0.3467

 12.4173, 0.5532,
0.3388


 80.4174, 0.4456,
0.3465

 7.0286, 0.5955,
0.3295


 104.9194, 0.4344,
0.3462

 3.4800, 0.6593,
0.3143

 133.9524, 0.4249,
0.3457

 1.3871, 0.7272,
0.2728

167.9007, 0.4167,
0.3452

 0.2072, 0.8809,
0.1191


207.1487, 0.4096,


 0.0000, 1.0000,


0.3446

0.0000

252.0809, 0.4034,
0.3441


 0.0000, 0.0000,
0.0000


 30.2529, 0.4955,
0.3456


 30.2529, 0.4955,
0.3456


 25.8723, 0.5408,
0.3458


 35.8797, 0.4522,
0.3439


 22.6381, 0.5828,
0.3439


 42.8326, 0.4138,
0.3413

 20.4434, 0.6151,
0.3399

 51.1908, 0.3813,
0.3383

 19.2676, 0.6327,
0.3358

 61.0256, 0.3544,
0.3352

 72.4037, 0.3325,
0.3322

■ 85.3876, 0.3147,
0.3293

■ 97.2617, 0.3035,
0.3290

Harmonies

Analogous

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



30.2529, 0.4385, 0.2828



30.2529, 0.4955, 0.3456



30.2529, 0.4903, 0.4126

Triad

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



30.2529, 0.4955, 0.3456



30.2529, 0.2638, 0.4683



30.2529, 0.1879, 0.1902

Complementary

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



30.2529, 0.4955, 0.3456



61.9064, 0.2336, 0.3085

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.



30.2529, 0.1578, 0.2112



30.2529, 0.4955, 0.3456



30.2529, 0.1941, 0.3665

Square

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



30.2529, 0.4955, 0.3456



30.2529, 0.3520, 0.5079



30.2529, 0.1588, 0.2691



30.2529, 0.2506, 0.1981

Rectangle

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



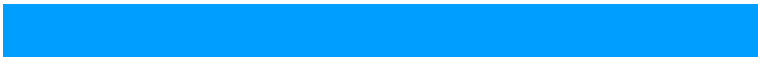
30.2529, 0.4955, 0.3456



30.2529, 0.4573, 0.4563



30.2529, 0.1588, 0.2691



30.2529, 0.1744, 0.1937

Sweetspot

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



30.2545, 0.4955, 0.3456



74.0139, 0.3469, 0.3342



31.8026, 0.3341, 0.1987



15.0628, 0.3538, 0.3351



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.



30.2545, 0.4955, 0.3456



28.8561, 0.5496, 0.3456



52.4368, 0.4374, 0.4211



16.0361, 0.3291, 0.3316



10.6418, 0.6311, 0.3371



0.9764, 0.6130, 0.3515

Inverse Universe

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



61.9064, 0.2336, 0.3085



67.7297, 0.2249, 0.3039



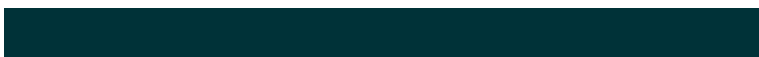
31.0070, 0.2107, 0.2078



17.6174, 0.2981, 0.3264



29.8471, 0.2151, 0.2944



2.5664, 0.2165, 0.2993

Previews

White Background



This preview shows how the Yxy color 30.2529, 0.4955, 0.3456 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2529, 0.4955, 0.3456 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.2529, 0.4955, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 30.2529, 0.4955, 0.3456.



This preview shows how white text looks on a background with the Yxy color 30.2529, 0.4955, 0.3456.

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

30.2529, 0.4955, 0.3456

Protanopia

30.4939, 0.3650, 0.3924

Deuteranopia

30.2781, 0.4147, 0.4072



Tritanopia

30.2011, 0.4738, 0.3222

Trichromacy



Original Color

30.2529, 0.4955, 0.3456

Protanomaly

29.2544, 0.4127, 0.3733

Deuteranomaly

29.6504, 0.4455, 0.3823

Tritanomaly

30.2568, 0.4821, 0.3305

Monochromacy



Original Color

30.2529, 0.4955, 0.3456

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0107, 0.3744, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2529, 0.4955, 0.3456 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(240, 109, 93)` looks like.

```
.text, #text, p{  
    color:rgb(240, 109, 93)  
}
```

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(240, 109, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 109, 93) }
```

Border

The CSS property to change the border of an element to Yxy 30.2529, 0.4955, 0.3456 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(240, 109, 93) }
```

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

```
.border{ border-color:rgb(240, 109, 93) }
```

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

Here you see how a box with a 4 pixel rgb(240, 109, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 109, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 109, 93);  
box-shadow:4px 4px 4px 4px rgb(240, 109,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2529, 0.4955, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 109, 93) }
```

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

```
.background{ background-color: rgb(240,  
109, 93) }
```

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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