

Converting Colors

$Yxy(28.3397, 0.5191, 0.3471)$

Have a look what the booklet for
Yxy(28.3397, 0.5191, 0.3471)
contains.

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Color

Yxy(28.2185, 0.5184, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	F16351
RGB	241, 99, 81
RGB Percent	95%, 39%, 32%
CMY	0.0550, 0.6117, 0.6824
CMYK	0.00, 0.59, 0.66, 0.05
HSL	7°, 85%, 63%
HSV	7°, 66%, 95%
XYZ	42.2178, 28.2185, 11.0024
YIQ	139.4060, 90.4100, 24.5060

Conversions

Conversions Part 2

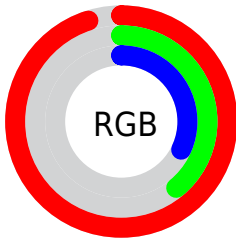
Format	Color
R_{YB}	241, 101, 81
Decimal	15819601
CIE _{Lab}	60.09, 53.54, 38.03
CIE _{LCh}	60, 65.670, 35.385
Yxy	28.2185, 0.5184, 0.3465
Android (android.graphics.Color)	4294009681 (0xFFFF16351)
YUV	139.4060, -28.7942, 89.0979
Hunter-Lab	53.1211, 48.9004, 24.9047

Details

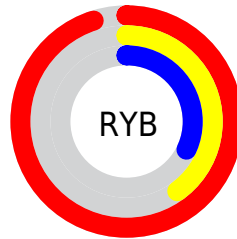
The Yxy color **28.2185, 0.5184, 0.3465** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **60.8408, 0.2293, 0.3057**, and the grayscale version is **26.0733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.0099, 0.4368, 0.3532**, and **11.2423, 0.5824, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **24.3904, 0.5627, 0.3456**, and if you desaturate by 10%, it is **33.2502, 0.4737, 0.3455**.

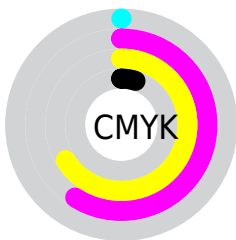
Distribution



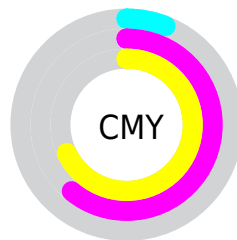
- Red (95%)
- Green (39%)
- Blue (32%)



- Red (95%)
- Yellow (40%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (66%)
- Black (5%)





- Cyan (6%)
- Magenta (61%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2185, 0.5184, 0.3465 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 28.2185, 0.5184, 0.3465 by changing the saturation by 10% instead.

 28.2185, 0.5184,
0.3465


 28.2185, 0.5184,
0.3465


293.5095, 0.4083,
0.3460


 18.4904, 0.5466,
0.3430


 56.8331, 0.4775,
0.3488

 11.3027, 0.5822,
0.3361


 76.4884, 0.4623,
0.3489

 6.2708, 0.6275,
0.3227


 100.2216, 0.4496,
0.3487

 3.0104, 0.6978,
0.3022

 128.4171, 0.4388,
0.3482

 1.1372, 0.7535,
0.2465

 161.4592, 0.4295,
0.3477

 0.0095, 0.9933,
0.0067

199.7324, 0.4215,


 0.0000, 1.0000,


0.3472


0.0000

243.6210, 0.4145,
0.3466

 0.0000, 0.0000,
0.0000


 28.2185, 0.5184,
0.3465


 28.2185, 0.5184,
0.3465

 24.3904, 0.5627,
0.3456


 33.2502, 0.4737,
0.3455


 21.6604, 0.6005,
0.3426

 39.5701, 0.4327,
0.3432


 19.9120, 0.6260,
0.3376

 47.2607, 0.3972,
0.3402

 19.4897, 0.6323,
0.3361

 56.3961, 0.3675,
0.3370

 67.0453, 0.3432,
0.3338

 79.2726, 0.3234,
0.3308

 93.1388, 0.3073,
0.3280

 97.4377, 0.3041,
0.3290

Harmonies

Analogous

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



28.2185, 0.4578, 0.2792



28.2185, 0.5184, 0.3465



28.2185, 0.5068, 0.4193

Triad

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



28.2185, 0.5184, 0.3465



28.2185, 0.2525, 0.4854



28.2185, 0.1773, 0.1764

Complementary

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



28.2185, 0.5184, 0.3465



60.8408, 0.2293, 0.3057

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.



28.2185, 0.1439, 0.1966



28.2185, 0.5184, 0.3465



28.2185, 0.1782, 0.3653

Square

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



28.2185, 0.5184, 0.3465



28.2185, 0.3489, 0.5312



28.2185, 0.1430, 0.2568



28.2185, 0.2464, 0.1865

Rectangle

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



28.2185, 0.5184, 0.3465



28.2185, 0.4673, 0.4686



28.2185, 0.1430, 0.2568



28.2185, 0.1624, 0.1795

Sweetspot

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



28.2201, 0.5184, 0.3465



71.5902, 0.3515, 0.3350



30.0151, 0.3362, 0.1911



14.5935, 0.3584, 0.3359



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.



28.2201, 0.5184, 0.3465



26.3974, 0.5783, 0.3447



50.7287, 0.4495, 0.4265



16.0457, 0.3291, 0.3317



10.6666, 0.6307, 0.3375



0.9810, 0.6121, 0.3522

Inverse Universe

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



60.8408, 0.2293, 0.3057



65.6335, 0.2208, 0.3002



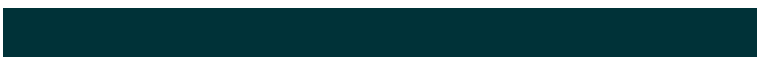
28.3436, 0.2029, 0.1957



17.6067, 0.2981, 0.3263



29.6008, 0.2148, 0.2931



2.5484, 0.2162, 0.2983

Previews

White Background



This preview shows how the Yxy color 28.2185, 0.5184, 0.3465 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 28.2185, 0.5184, 0.3465 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 28.2185, 0.5184, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 28.2185, 0.5184, 0.3465.



This preview shows how white text looks on a background with the Yxy color 28.2185, 0.5184, 0.3465.

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

28.2185, 0.5184, 0.3465

Protanopia

28.3007, 0.3739, 0.4033

Deuteranopia

28.2551, 0.4279, 0.4181



Tritanopia

28.2023, 0.4958, 0.3236

Trichromacy



Original Color

28.2185, 0.5184, 0.3465

Protanomaly

26.9024, 0.4280, 0.3789

Deuteranomaly

27.5077, 0.4634, 0.3874

Tritanomaly

28.2348, 0.5053, 0.3325

Monochromacy



Original Color

28.2185, 0.5184, 0.3465

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

24.9534, 0.3846, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2185, 0.5184, 0.3465 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, 99, 81)` looks like.

```
.text, #text, p{  
    color:rgb(241, 99, 81)  
}
```

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, 99, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 99, 81) }
```

Border

The CSS property to change the border of an element to Yxy 28.2185, 0.5184, 0.3465 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, 99, 81) }
```

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

```
.border{ border-color:rgb(241, 99, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 99, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 99, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 99, 81);  
box-shadow:4px 4px 4px 4px rgb(241, 99,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2185, 0.5184, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 99, 81) }
```

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

```
.background{ background-color: rgb(241, 99,  
81) }
```

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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