

Converting Colors

$Y_{xy}(28.2689, 0.5545, 0.3465)$

Have a look what the booklet for
Yxy(28.2689, 0.5545, 0.3465)
contains.

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Color

Yxy(28.2689, 0.5545, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	FE5741
RGB	254, 87, 65
RGB Percent	100%, 34%, 25%
CMY	0.0039, 0.6588, 0.7450
CMYK	0.00, 0.66, 0.74, 0.00
HSL	7°, 99%, 63%
HSV	7°, 74%, 100%
XYZ	45.2384, 28.2689, 8.0768
YIQ	134.4250, 106.5940, 28.5620

Conversions

Conversions Part 2

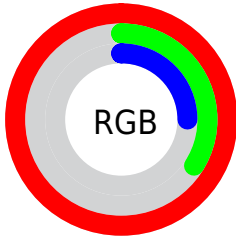
Format	Color
R_{YB}	254, 90, 65
Decimal	16668481
CIE Lab	60.13, 62.23, 47.23
CIE LCh	60, 78.124, 37.193
Yxy	28.2689, 0.5545, 0.3465
Android (android.graphics.Color)	4294858561 (0xFFFE5741)
YUV	134.4250, -34.2265, 104.8673
Hunter-Lab	53.1685, 58.8318, 28.2112

Details

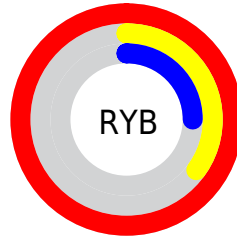
The Yxy color **28.2689, 0.5545, 0.3465** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **66.0137, 0.2236, 0.3016**, and the grayscale version is **24.1052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4214, 0.4601, 0.3597**, and **11.2984, 0.6217, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **24.9523, 0.5940, 0.3438**, and if you desaturate by 10%, it is **32.8506, 0.5097, 0.3470**.

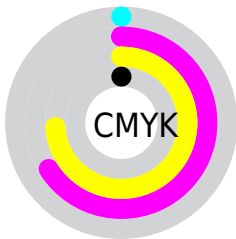
Distribution



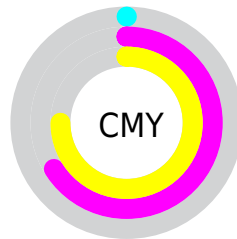
- Red (100%)
- Green (34%)
- Blue (25%)



- Red (100%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (0%)





- Cyan (0%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2689, 0.5545, 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 28.2689, 0.5545, 0.3465 by changing the saturation by 10% instead.


 28.2689, 0.5545,
0.3465


 28.2689, 0.5545,
0.3465


293.7496, 0.4275,
0.3503


 18.5285, 0.5851,
0.3404


 56.9135, 0.5085,
0.3516


 11.3301, 0.6223,
0.3295


 76.5864, 0.4910,
0.3523

 6.2893, 0.6715,
0.3121


 100.3389, 0.4762,
0.3525

 3.0218, 0.7227,
0.2773

 128.5555, 0.4636,
0.3524

 1.1431, 0.7806,
0.2194

 161.6204, 0.4527,
0.3520

 0.0145, 0.9917,
0.0083

 199.9181, 0.4432,


 0.0000, 1.0000,


0.3515


0.0000


243.8331, 0.4349,
0.3509


 0.0000, 0.0000,
0.0000


 28.2689, 0.5545,
0.3465


 28.2689, 0.5545,
0.3465


 24.9523, 0.5940,
0.3438


 32.8506, 0.5097,
0.3470


 22.7680, 0.6221,
0.3390


 38.8030, 0.4655,
0.3456


 21.9775, 0.6322,
0.3362

 46.2262, 0.4254,
0.3431

 55.2095, 0.3910,
0.3400

 65.8349, 0.3624,
0.3366

 78.1790, 0.3390,
0.3334

 92.3133, 0.3199,
0.3303

99.8124, 0.3121,
0.3290

Harmonies

Analogous

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



28.2689, 0.4908, 0.2733



28.2689, 0.5545, 0.3465



28.2689, 0.5296, 0.4276

Triad

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



28.2689, 0.5545, 0.3465



28.2689, 0.2321, 0.5134



28.2689, 0.1617, 0.1558

Complementary

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



28.2689, 0.5545, 0.3465



66.0137, 0.2236, 0.3016

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.



28.2689, 0.1235, 0.1738



28.2689, 0.5545, 0.3465



28.2689, 0.1527, 0.3604

Square

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



28.2689, 0.5545, 0.3465



28.2689, 0.3399, 0.5699



28.2689, 0.1192, 0.2357



28.2689, 0.2407, 0.1692

Rectangle

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



28.2689, 0.5545, 0.3465



28.2689, 0.4785, 0.4862



28.2689, 0.1192, 0.2357



28.2689, 0.1449, 0.1579

Sweetspot

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



28.2705, 0.5545, 0.3465



69.2441, 0.3563, 0.3358



30.8604, 0.3394, 0.1813



14.1386, 0.3632, 0.3367



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.



28.2705, 0.5545, 0.3465



24.0234, 0.6087, 0.3417



53.4605, 0.4680, 0.4326



18.3270, 0.3292, 0.3318



11.6917, 0.6305, 0.3375



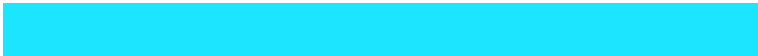
1.2425, 0.6144, 0.3504

Inverse Universe

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



66.0137, 0.2236, 0.3016



63.2916, 0.2169, 0.2956



27.2184, 0.1915, 0.1765



20.0995, 0.2980, 0.3262



32.1533, 0.2144, 0.2918



3.2285, 0.2157, 0.2965

Previews

White Background



This preview shows how the Yxy color 28.2689, 0.5545, 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 28.2689, 0.5545, 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 28.2689, 0.5545, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 28.2689, 0.5545, 0.3465.



This preview shows how white text looks on a background with the Yxy color 28.2689, 0.5545, 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

28.2689, 0.5545, 0.3465

Protanopia

28.2618, 0.3898, 0.4234

Deuteranopia

28.2671, 0.4466, 0.4382



Tritanopia

28.3052, 0.5323, 0.3263

Trichromacy



Original Color

28.2689, 0.5545, 0.3465

Protanomaly

26.4205, 0.4548, 0.3902

Deuteranomaly

26.9090, 0.4928, 0.3974

Tritanomaly

28.3362, 0.5410, 0.3337

Monochromacy



Original Color

28.2689, 0.5545, 0.3465

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.2917, 0.4024, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2689, 0.5545, 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(254, 87, 65)` looks like.

```
.text, #text, p{  
  color:rgb(254, 87, 65)  
}
```

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(254, 87, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 87, 65) }
```

Border

The CSS property to change the border of an element to Yxy 28.2689, 0.5545, 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(254, 87, 65) }
```

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

```
.border{ border-color:rgb(254, 87, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 87, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 87, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 87, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 87,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2689, 0.5545, 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(254, 87, 65) }
```

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

```
.background{ background-color: rgb(254, 87,  
65) }
```

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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