

Converting Colors

$Y_{xy}(29.3760, 0.4987, 0.3516)$

Have a look what the booklet for
Yxy(29.3760, 0.4987, 0.3516)
contains.

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Color

Yxy(29.4583, 0.4989, 0.3518)

Conversions

Conversions Part 1	
Format	Color
Hex	EC6D57
RGB	236, 109, 87
RGB Percent	93%, 43%, 34%
CMY	0.0746, 0.5725, 0.6588
CMYK	0.00, 0.54, 0.63, 0.07
HSL	9°, 80%, 63%
HSV	9°, 63%, 93%
XYZ	41.7759, 29.4583, 12.5018
YIQ	144.4650, 82.7540, 20.0820

Conversions

Conversions Part 2

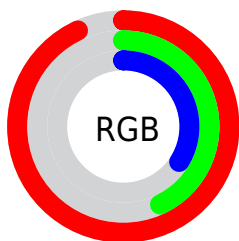
Format	Color
RYB	236, 113, 87
Decimal	15494487
CIELab	61.18, 47.47, 35.87
CIELCh	61, 59.497, 37.075
Yxy	29.4583, 0.4989, 0.3518
Android (android.graphics.Color)	4293684567 (0xFFEC6D57)
YUV	144.4650, -28.3302, 80.2762
Hunter-Lab	54.2755, 42.4093, 24.3360

Details

The Yxy color **29.4583, 0.4989, 0.3518** 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 **56.1530, 0.2303, 0.3000**, and the grayscale version is **28.1820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2605, 0.4259, 0.3565**, and **11.9871, 0.5561, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **25.3232, 0.5427, 0.3518**, and if you desaturate by 10%, it is **34.7041, 0.4565, 0.3497**.

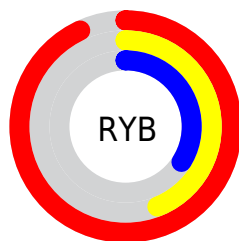
Distribution



Red (93%)

Green (43%)

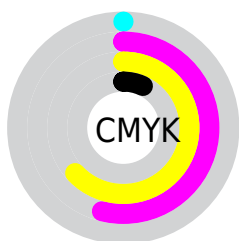
Blue (34%)



Red (93%)

Yellow (44%)

Blue (34%)

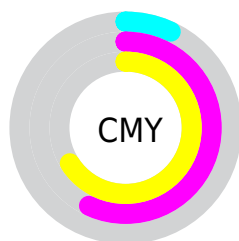


Cyan (0%)

Magenta (54%)

Yellow (63%)

Black (7%)



Cyan (7%)


Magenta (57%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4583, 0.4989, 0.3518 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 29.4583, 0.4989, 0.3518 by changing the saturation by 10% instead.


 29.4583, 0.4989,
0.3518


 29.4583, 0.4989,
0.3518


299.3712, 0.3994,
0.3470

 19.4278, 0.5246,
0.3500


 58.8044, 0.4618,
0.3521

 11.9798, 0.5574,
0.3457


 78.8889, 0.4481,
0.3516


 6.7299, 0.5997,
0.3363


 103.0934, 0.4366,
0.3509

 3.2938, 0.6712,
0.3243

 131.8024, 0.4269,
0.3501

 1.2870, 0.7250,
0.2750

 165.4003, 0.4185,
0.3493

 0.1311, 0.9124,
0.0876


204.2715, 0.4113,


 0.0000, 1.0000,

0.3485


0.0000


248.8003, 0.4050,
0.3477


 0.0000, 0.0000,
0.0000


 29.4583, 0.4989,
0.3518


 29.4583, 0.4989,
0.3518


 25.3232, 0.5427,
0.3518


 34.7041, 0.4565,
0.3497

 22.2134, 0.5829,
0.3492


 41.1282, 0.4184,
0.3463


 20.0384, 0.6136,
0.3438


 48.7986, 0.3857,
0.3423


 19.0242, 0.6280,
0.3396

 57.7766, 0.3585,
0.3381

 68.1194, 0.3361,
0.3340

 79.8809, 0.3177,
0.3301

 93.1120, 0.3027,
0.3266

 96.5691, 0.3011,
0.3290

Harmonies

Analogous

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



29.4583, 0.4471, 0.2882



29.4583, 0.4989, 0.3518



29.4583, 0.4878, 0.4193

Triad

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



29.4583, 0.4989, 0.3518



29.4583, 0.2556, 0.4614



29.4583, 0.1918, 0.1890

Complementary

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



29.4583, 0.4989, 0.3518



56.1530, 0.2303, 0.3000

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.



29.4583, 0.1585, 0.2071



29.4583, 0.4989, 0.3518



29.4583, 0.1884, 0.3562

Square

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



29.4583, 0.4989, 0.3518



29.4583, 0.3435, 0.5089



29.4583, 0.1565, 0.2613



29.4583, 0.2579, 0.1995

Rectangle

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



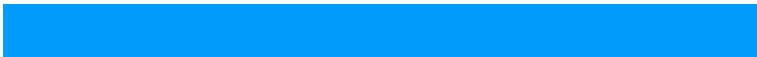
29.4583, 0.4989, 0.3518



29.4583, 0.4519, 0.4627



29.4583, 0.1565, 0.2613



29.4583, 0.1771, 0.1916

Sweetspot

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



29.4599, 0.4989, 0.3518



73.6903, 0.3489, 0.3364



29.6100, 0.3403, 0.1999



15.0389, 0.3556, 0.3376



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.



29.4599, 0.4989, 0.3518



28.8855, 0.5562, 0.3513



51.7094, 0.4378, 0.4280



15.4133, 0.3289, 0.3326



10.6028, 0.6260, 0.3412



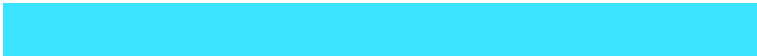
0.9437, 0.6030, 0.3594

Inverse Universe

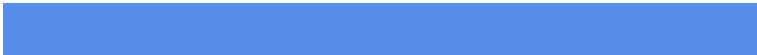
The Inverse Universe completely reimagines the original color for something new.



56.1530, 0.2303, 0.3000



62.8037, 0.2206, 0.2930



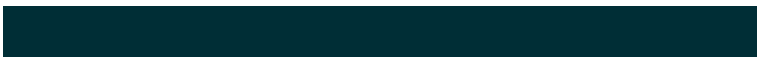
27.3168, 0.2062, 0.1964



16.7203, 0.2981, 0.3254



26.5447, 0.2115, 0.2815



2.1877, 0.2135, 0.2887

Previews

White Background



This preview shows how the Yxy color 29.4583, 0.4989, 0.3518 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 29.4583, 0.4989, 0.3518 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 29.4583, 0.4989, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 29.4583, 0.4989, 0.3518.



This preview shows how white text looks on a background with the Yxy color 29.4583, 0.4989, 0.3518.

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

29.4583, 0.4989, 0.3518

Protanopia

29.6127, 0.3717, 0.4005

Deuteranopia

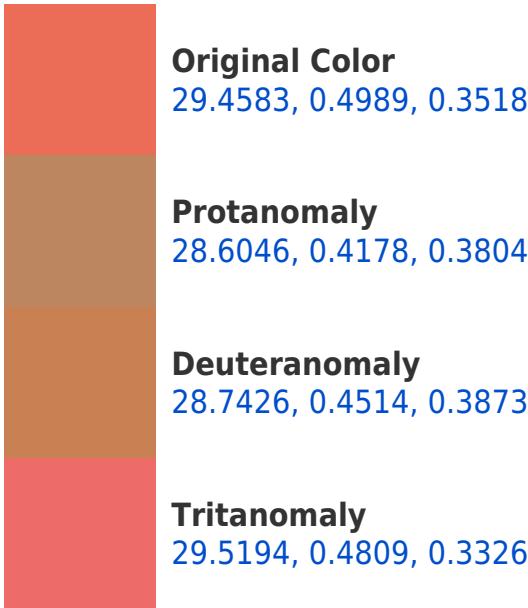
29.4676, 0.4210, 0.4126



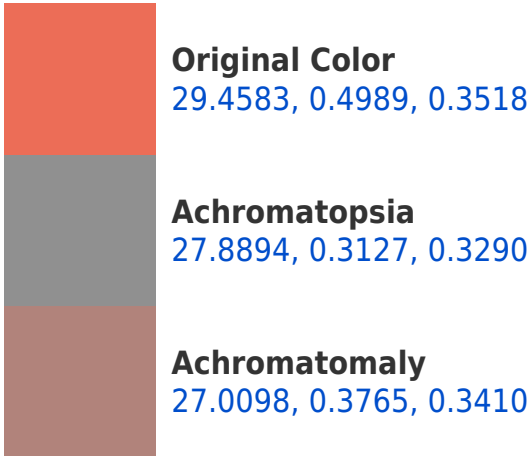
Tritanopia

29.5048, 0.4700, 0.3221

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4583, 0.4989, 0.3518 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(236, 109, 87)` looks like.

```
.text, #text, p{  
    color:rgb(236, 109, 87)  
}
```

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(236, 109, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 109, 87) }
```

Border

The CSS property to change the border of an element to Yxy 29.4583, 0.4989, 0.3518 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(236, 109, 87) }
```

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

```
.border{ border-color:rgb(236, 109, 87) }
```

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

Here you see how a box with a 4 pixel rgb(236, 109, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 109, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 109, 87);  
box-shadow:4px 4px 4px 4px rgb(236, 109,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4583, 0.4989, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 109, 87) }
```

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

```
.background{ background-color: rgb(236,  
109, 87) }
```

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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