

Converting Colors

$Yxy(28.9123, 0.5048, 0.3501)$

Have a look what the booklet for
Yxy(28.9123, 0.5048, 0.3501)
contains.

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Color

Yxy(28.9685, 0.5046, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	ED6A55
RGB	237, 106, 85
RGB Percent	93%, 42%, 33%
CMY	0.0706, 0.5843, 0.6667
CMYK	0.00, 0.55, 0.64, 0.07
HSL	8°, 81%, 63%
HSV	8°, 64%, 93%
XYZ	41.7166, 28.9685, 11.9875
YIQ	142.7750, 84.8170, 21.2410

Conversions

Conversions Part 2

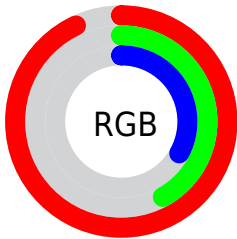
Format	Color
R_{YB}	237, 109, 85
Decimal	15559253
CIE _{Lab}	60.75, 49.14, 36.48
CIE _{LCh}	61, 61.203, 36.585
Yxy	28.9685, 0.5046, 0.3504
Android (android.graphics.Color)	4293749333 (0xFFED6A55)
YUV	142.7750, -28.4831, 82.6353
Hunter-Lab	53.8224, 44.1625, 24.4704

Details

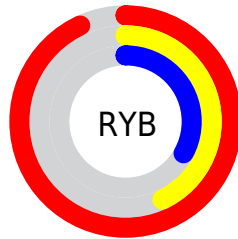
The Yxy color **28.9685, 0.5046, 0.3504** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **57.1457, 0.2299, 0.3014**, and the grayscale version is **27.4663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4990, 0.4289, 0.3564**, and **11.7164, 0.5643, 0.3430** is the 20% darker color. If you saturate the color by 10%, you get **24.9339, 0.5486, 0.3501**, and if you desaturate by 10%, it is **34.1346, 0.4615, 0.3486**.

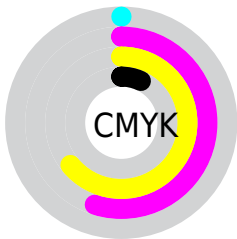
Distribution



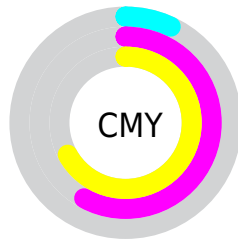
- Red (93%)
- Green (42%)
- Blue (33%)



- Red (93%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (55%)
- Yellow (64%)
- Black (7%)




- Cyan (7%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.9685, 0.5046, 0.3504 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 28.9685, 0.5046, 0.3504 by changing the saturation by 10% instead.


 28.9685, 0.5046,
0.3504


 28.9685, 0.5046,
0.3504


297.0663, 0.4019,
0.3468


 19.0570, 0.5311,
0.3481


 58.0270, 0.4663,
0.3512


 11.7115, 0.5647,
0.3431


 77.9429, 0.4522,
0.3509


 6.5475, 0.6081,
0.3325


 101.9622, 0.4403,
0.3503

 3.1808, 0.6813,
0.3187

 130.4696, 0.4303,
0.3496

 1.2268, 0.7338,
0.2662

 163.8492, 0.4217,
0.3489

 0.0835, 0.9421,
0.0579

202.4857, 0.4142,

 0.0000, 1.0000,

0.3482

0.0000

246.7632, 0.4077,
0.3475

■ 0.0000, 0.0000,
0.0000

■ 28.9685, 0.5046,
0.3504

■ 28.9685, 0.5046,
0.3504

■ 24.9339, 0.5486,
0.3501

■ 34.1346, 0.4615,
0.3486

■ 21.9405, 0.5882,
0.3473

■ 40.5040, 0.4225,
0.3456


■ 19.8919, 0.6176,
0.3419

■ 48.1480, 0.3891,
0.3418


■ 19.0775, 0.6293,
0.3386

■ 57.1310, 0.3611,
0.3379

■ 67.5130, 0.3382,
0.3341

 79.3504, 0.3194,
0.3304

 92.6966, 0.3041,
0.3271

 96.7429, 0.3017,
0.3290

Harmonies

Analogous

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



28.9685, 0.4503, 0.2856



28.9685, 0.5046, 0.3504



28.9685, 0.4933, 0.4195

Triad

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



28.9685, 0.5046, 0.3504



28.9685, 0.2547, 0.4682



28.9685, 0.1876, 0.1853

Complementary

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



28.9685, 0.5046, 0.3504



57.1457, 0.2299, 0.3014

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.



28.9685, 0.1542, 0.2040



28.9685, 0.5046, 0.3504



28.9685, 0.1854, 0.3586

Square

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



28.9685, 0.5046, 0.3504



28.9685, 0.3451, 0.5155



28.9685, 0.1525, 0.2599



28.9685, 0.2546, 0.1957

Rectangle

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



28.9685, 0.5046, 0.3504



28.9685, 0.4564, 0.4647



28.9685, 0.1525, 0.2599



28.9685, 0.1728, 0.1880

Sweetspot

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



28.9701, 0.5046, 0.3504



73.4565, 0.3490, 0.3359



29.4958, 0.3408, 0.1984



14.9835, 0.3557, 0.3371



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.



28.9701, 0.5046, 0.3504



28.1951, 0.5619, 0.3495



51.8131, 0.4401, 0.4291



15.3898, 0.3289, 0.3323



10.5264, 0.6273, 0.3401



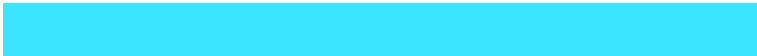
0.9326, 0.6051, 0.3577

Inverse Universe

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



57.1457, 0.2299, 0.3014



63.5458, 0.2206, 0.2949



27.0161, 0.2046, 0.1939



16.7461, 0.2981, 0.3257



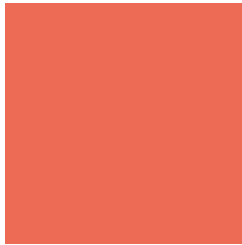
27.1217, 0.2124, 0.2847



2.2276, 0.2143, 0.2914

Previews

White Background



This preview shows how the Yxy color 28.9685, 0.5046, 0.3504 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 28.9685, 0.5046, 0.3504 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 28.9685, 0.5046, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 28.9685, 0.5046, 0.3504.



This preview shows how white text looks on a background with the Yxy color 28.9685, 0.5046, 0.3504.

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

28.9685, 0.5046, 0.3504

Protanopia

29.1780, 0.3721, 0.4009

Deuteranopia

29.0240, 0.4226, 0.4142



Tritanopia

28.9818, 0.4782, 0.3233

Trichromacy



Original Color

28.9685, 0.5046, 0.3504

Protanomaly

27.8935, 0.4204, 0.3806

Deuteranomaly

28.4499, 0.4544, 0.3883

Tritanomaly

28.9979, 0.4891, 0.3336

Monochromacy



Original Color

28.9685, 0.5046, 0.3504

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7175, 0.3781, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9685, 0.5046, 0.3504 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(237, 106, 85)` looks like.

```
.text, #text, p{  
    color:rgb(237, 106, 85)  
}
```

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(237, 106, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 106, 85) }
```

Border

The CSS property to change the border of an element to Yxy 28.9685, 0.5046, 0.3504 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(237, 106, 85) }
```

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

```
.border{ border-color:rgb(237, 106, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 106, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 106, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 106, 85);  
box-shadow:4px 4px 4px 4px rgb(237, 106,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9685, 0.5046, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 106, 85) }
```

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

```
.background{ background-color: rgb(237,  
106, 85) }
```

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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