

Converting Colors

$Yxy(26.8847, 0.5197, 0.3513)$

Have a look what the booklet for
Yxy(26.8847, 0.5197, 0.3513)
contains.

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Color

Yxy(26.7496, 0.5193, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	EA624C
RGB	234, 98, 76
RGB Percent	92%, 38%, 30%
CMY	0.0823, 0.6157, 0.7019
CMYK	0.00, 0.58, 0.68, 0.08
HSL	8°, 79%, 61%
HSV	8°, 68%, 92%
XYZ	39.6095, 26.7496, 9.9157
YIQ	136.1560, 88.1180, 21.9900

Conversions

Conversions Part 2

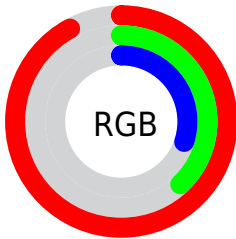
Format	Color
R_{YB}	234, 102, 76
Decimal	15360588
CIE _{Lab}	58.74, 51.31, 38.88
CIE _{LCh}	59, 64.378, 37.157
Yxy	26.7496, 0.5193, 0.3507
Android (android.graphics.Color)	4293550668 (0xFFEA624C)
YUV	136.1560, -29.6569, 85.8092
Hunter-Lab	51.7200, 46.1934, 24.8370

Details

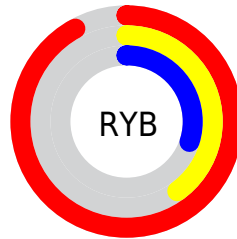
The Yxy color **26.7496, 0.5193, 0.3507** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **54.5903, 0.2272, 0.2996**, and the grayscale version is **24.7704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5488, 0.4423, 0.3572**, and **10.5203, 0.5849, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **23.1755, 0.5625, 0.3496**, and if you desaturate by 10%, it is **31.3937, 0.4755, 0.3495**.

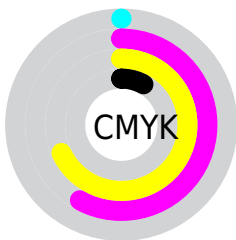
Distribution



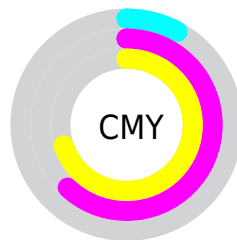
- Red (92%)
- Green (38%)
- Blue (30%)



- Red (92%)
- Yellow (40%)
- Blue (30%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (8%)




- Cyan (8%)
- Magenta (62%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7496, 0.5193, 0.3507 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 26.7496, 0.5193, 0.3507 by changing the saturation by 10% instead.


 26.7496, 0.5193,
0.3507


 26.7496, 0.5193,
0.3507


286.4427, 0.4080,
0.3482


 17.3853, 0.5479,
0.3474


 54.4818, 0.4778,
0.3524

 10.5095, 0.5841,
0.3405


 73.6184, 0.4624,
0.3523

 5.7381, 0.6306,
0.3269

 96.7813, 0.4496,
0.3518

 2.6865, 0.6970,
0.3030

 124.3548, 0.4387,
0.3511

 0.9703, 0.7554,
0.2446

 156.7232, 0.4294,
0.3504

 0.0000, 1.0000,
0.0000

194.2711, 0.4213,

 0.0000, 0.0000,

0.3497

0.0000

237.3828, 0.4142,
0.3489

■ 26.7496, 0.5193,
0.3507

■ 26.7496, 0.5193,
0.3507

■ 23.1755, 0.5625,
0.3496

■ 31.3937, 0.4755,
0.3495

■ 20.5809, 0.5992,
0.3458

■ 37.1800, 0.4350,
0.3468


■ 18.8660, 0.6243,
0.3399


■ 44.1794, 0.3996,
0.3432


■ 18.5585, 0.6291,
0.3387

■ 52.4558, 0.3699,
0.3393

■ 62.0688, 0.3454,
0.3354

 73.0738, 0.3253,
0.3316

 85.5235, 0.3089,
0.3282

 96.2360, 0.3000,
0.3290

Harmonies

Analogous

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



26.7496, 0.4628, 0.2830



26.7496, 0.5193, 0.3507



26.7496, 0.5039, 0.4237

Triad

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



26.7496, 0.5193, 0.3507



26.7496, 0.2474, 0.4793



26.7496, 0.1806, 0.1765

Complementary

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



26.7496, 0.5193, 0.3507



54.5903, 0.2272, 0.2996

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.



26.7496, 0.1452, 0.1947



26.7496, 0.5193, 0.3507



26.7496, 0.1753, 0.3578

Square

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



26.7496, 0.5193, 0.3507



26.7496, 0.3431, 0.5309



26.7496, 0.1424, 0.2521



26.7496, 0.2518, 0.1882

Rectangle

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



26.7496, 0.5193, 0.3507



26.7496, 0.4627, 0.4726



26.7496, 0.1424, 0.2521



26.7496, 0.1650, 0.1789

Sweetspot

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



26.7511, 0.5193, 0.3507



72.2539, 0.3513, 0.3364



27.4688, 0.3426, 0.1939



14.7492, 0.3581, 0.3375



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.



26.7511, 0.5193, 0.3507



26.8091, 0.5777, 0.3485



49.1023, 0.4473, 0.4325



15.3918, 0.3289, 0.3323



10.5326, 0.6272, 0.3402



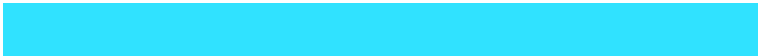
0.9335, 0.6050, 0.3579

Inverse Universe

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



54.5903, 0.2272, 0.2996



62.4031, 0.2184, 0.2927



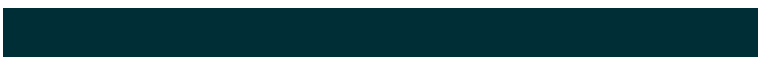
24.5156, 0.1995, 0.1856



16.7439, 0.2981, 0.3256



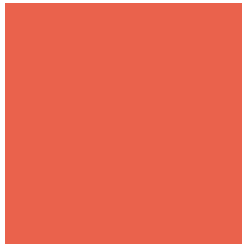
27.0727, 0.2123, 0.2844



2.2242, 0.2142, 0.2912

Previews

White Background



This preview shows how the Yxy color 26.7496, 0.5193, 0.3507 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 26.7496, 0.5193, 0.3507 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 26.7496, 0.5193, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 26.7496, 0.5193, 0.3507.



This preview shows how white text looks on a background with the Yxy color 26.7496, 0.5193, 0.3507.

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

26.7496, 0.5193, 0.3507

Protanopia

26.9887, 0.3781, 0.4093

Deuteranopia

26.8716, 0.4307, 0.4221



Tritanopia

26.7862, 0.4914, 0.3234

Trichromacy



Original Color

26.7496, 0.5193, 0.3507

Protanomaly

25.6609, 0.4306, 0.3854

Deuteranomaly

26.1227, 0.4641, 0.3925

Tritanomaly

26.8006, 0.5025, 0.3336

Monochromacy



Original Color

26.7496, 0.5193, 0.3507

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

23.9046, 0.3857, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7496, 0.5193, 0.3507 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(234, 98, 76)` looks like.

```
.text, #text, p{  
    color:rgb(234, 98, 76)  
}
```

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(234, 98, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 98, 76) }
```

Border

The CSS property to change the border of an element to Yxy 26.7496, 0.5193, 0.3507 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(234, 98, 76) }
```

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

```
.border{ border-color:rgb(234, 98, 76) }
```

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

Here you see how a box with a 4 pixel rgb(234, 98, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 98, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 98, 76);  
box-shadow:4px 4px 4px 4px rgb(234, 98,  
76) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7496, 0.5193, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 98, 76) }
```

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

```
.background{ background-color: rgb(234, 98,  
76) }
```

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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