

Converting Colors

$Yxy(27.0141, 0.5182, 0.3474)$

Have a look what the booklet for
Yxy(27.0141, 0.5182, 0.3474)
contains.

Yxy(26.9468, 0.5184, 0.3468)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9468, 0.5184, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	EC614F
RGB	236, 97, 79
RGB Percent	93%, 38%, 31%
CMY	0.0745, 0.6196, 0.6902
CMYK	0.00, 0.59, 0.67, 0.07
HSL	7°, 81%, 62%
HSV	7°, 67%, 93%
XYZ	40.2803, 26.9468, 10.4741
YIQ	136.5090, 88.6220, 23.8700

Conversions

Conversions Part 2

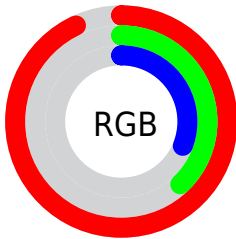
Format	Color
R_{YB}	236, 99, 79
Decimal	15491407
CIE _{Lab}	58.93, 52.61, 37.54
CIE _{LCh}	59, 64.635, 35.509
Yxy	26.9468, 0.5184, 0.3468
Android (android.graphics.Color)	4293681487 (0xFFEC614F)
YUV	136.5090, -28.3519, 87.2536
Hunter-Lab	51.9103, 47.6659, 24.3741

Details

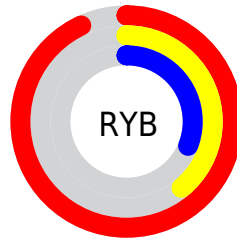
The Yxy color **26.9468, 0.5184, 0.3468** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **57.8634, 0.2292, 0.3053**, and the grayscale version is **24.9056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.3015, 0.4399, 0.3532**, and **10.6944, 0.5835, 0.3369** is the 20% darker color. If you saturate the color by 10%, you get **23.2975, 0.5625, 0.3459**, and if you desaturate by 10%, it is **31.7377, 0.4738, 0.3458**.

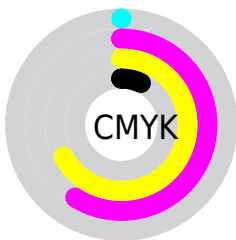
Distribution



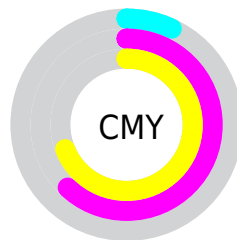
- Red (93%)
- Green (38%)
- Blue (31%)



- Red (93%)
- Yellow (39%)
- Blue (31%)



- Cyan (0%)
- Magenta (59%)
- Yellow (67%)
- Black (7%)




- Cyan (7%)
- Magenta (62%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9468, 0.5184, 0.3468 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 26.9468, 0.5184, 0.3468 by changing the saturation by 10% instead.


 26.9468, 0.5184,
0.3468

 26.9468, 0.5184,
0.3468


287.3994, 0.4075,
0.3461


 17.5333, 0.5470,
0.3432


 54.7985, 0.4770,
0.3491


 10.6154, 0.5834,
0.3362


 74.0054, 0.4617,
0.3491


 5.8089, 0.6299,
0.3222


 97.2456, 0.4489,
0.3489

 2.7292, 0.7002,
0.2998

 124.9035, 0.4380,
0.3484

 0.9921, 0.7586,
0.2414

 157.3634, 0.4287,
0.3479

 0.0000, 1.0000,
0.0000

195.0098, 0.4207,

 0.0000, 0.0000,

0.3473

0.0000

238.2270, 0.4137,
0.3467

■ 26.9468, 0.5184,
0.3468

■ 26.9468, 0.5184,
0.3468

■ 23.2975, 0.5625,
0.3459

■ 31.7377, 0.4738,
0.3458

■ 20.6901, 0.6003,
0.3428

■ 37.7501, 0.4329,
0.3435


■ 19.0147, 0.6258,
0.3378


■ 45.0620, 0.3974,
0.3405


■ 18.6213, 0.6320,
0.3364

■ 53.7435, 0.3678,
0.3372

■ 63.8596, 0.3434,
0.3340

 75.4714, 0.3236,
0.3309

 88.6362, 0.3075,
0.3280

 96.5745, 0.3011,
0.3290

Harmonies

Analogous

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



26.9468, 0.4581, 0.2794



26.9468, 0.5184, 0.3468



26.9468, 0.5066, 0.4196

Triad

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



26.9468, 0.5184, 0.3468



26.9468, 0.2522, 0.4849



26.9468, 0.1776, 0.1765

Complementary

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



26.9468, 0.5184, 0.3468



57.8634, 0.2292, 0.3053

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.



26.9468, 0.1440, 0.1965



26.9468, 0.5184, 0.3468



26.9468, 0.1780, 0.3648

Square

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



26.9468, 0.5184, 0.3468



26.9468, 0.3484, 0.5311



26.9468, 0.1430, 0.2565



26.9468, 0.2468, 0.1867

Rectangle

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



26.9468, 0.5184, 0.3468



26.9468, 0.4669, 0.4688



26.9468, 0.1430, 0.2565



26.9468, 0.1627, 0.1795

Sweetspot

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



26.9483, 0.5184, 0.3468



71.6380, 0.3515, 0.3351



28.6093, 0.3362, 0.1910



14.6047, 0.3584, 0.3360



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.



26.9483, 0.5184, 0.3468



26.4493, 0.5780, 0.3450



48.3641, 0.4496, 0.4265



15.3321, 0.3290, 0.3318



10.3574, 0.6303, 0.3377



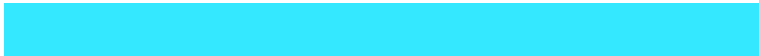
0.9052, 0.6106, 0.3534

Inverse Universe

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



57.8634, 0.2292, 0.3053



65.4157, 0.2206, 0.2997



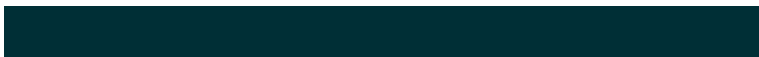
27.0054, 0.2028, 0.1955



16.8097, 0.2981, 0.3262



28.5799, 0.2146, 0.2925



2.3280, 0.2161, 0.2980

Previews

White Background



This preview shows how the Yxy color 26.9468, 0.5184, 0.3468 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 26.9468, 0.5184, 0.3468 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 26.9468, 0.5184, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 26.9468, 0.5184, 0.3468.



This preview shows how white text looks on a background with the Yxy color 26.9468, 0.5184, 0.3468.

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

26.9468, 0.5184, 0.3468

Protanopia

27.0606, 0.3740, 0.4031

Deuteranopia

26.9098, 0.4279, 0.4185



Tritanopia

26.9300, 0.4953, 0.3235

Trichromacy



Original Color

26.9468, 0.5184, 0.3468

Protanomaly

25.8502, 0.4272, 0.3798

Deuteranomaly

26.0531, 0.4631, 0.3875

Tritanomaly

26.9616, 0.5050, 0.3325

Monochromacy



Original Color

26.9468, 0.5184, 0.3468

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.0643, 0.3844, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9468, 0.5184, 0.3468 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, 97, 79)` looks like.

```
.text, #text, p{  
    color:rgb(236, 97, 79)  
}
```

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, 97, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 97, 79) }
```

Border

The CSS property to change the border of an element to Yxy 26.9468, 0.5184, 0.3468 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, 97, 79) }
```

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

```
.border{ border-color:rgb(236, 97, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 97, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 97, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 97, 79);  
box-shadow:4px 4px 4px 4px rgb(236, 97,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9468, 0.5184, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 97, 79) }
```

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

```
.background{ background-color: rgb(236, 97,  
79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor