

Converting Colors

$Y_{xy}(30.5516, 0.5018, 0.3583)$

Have a look what the booklet for
Yxy(30.5516, 0.5018, 0.3583)
contains.

Yxy(30.4056, 0.5014, 0.3574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(30.4056, 0.5014, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	EE7054
RGB	238, 112, 84
RGB Percent	93%, 44%, 33%
CMY	0.0666, 0.5608, 0.6705
CMYK	0.00, 0.53, 0.65, 0.07
HSL	11°, 82%, 63%
HSV	11°, 65%, 93%
XYZ	42.6563, 30.4056, 12.0125
YIQ	146.4820, 84.0840, 18.0040

Conversions

Conversions Part 2

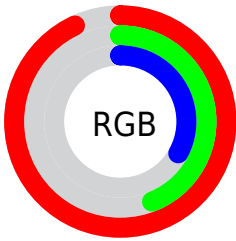
Format	Color
R _Y B	238, 118, 84
Decimal	15626324
CIE Lab	62.00, 46.59, 38.56
CIE LCh	62, 60.483, 39.614
Yxy	30.4056, 0.5014, 0.3574
Android (android.graphics.Color)	4293816404 (0xFFEE7054)
YUV	146.4820, -30.8036, 80.2613
Hunter-Lab	55.1413, 41.5872, 25.6826

Details

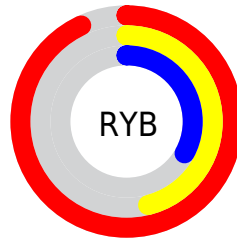
The Yxy color **30.4056, 0.5014, 0.3574** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **54.1647, 0.2273, 0.2921**, and the grayscale version is **29.0577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2537, 0.4271, 0.3627**, and **12.4916, 0.5592, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **26.2524, 0.5438, 0.3573**, and if you desaturate by 10%, it is **35.6182, 0.4598, 0.3550**.

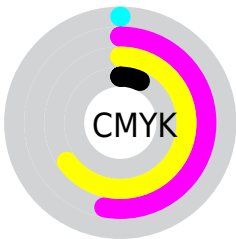
Distribution



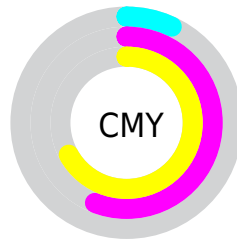
- Red (93%)
- Green (44%)
- Blue (33%)



- Red (93%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (53%)
- Yellow (65%)
- Black (7%)




- Cyan (7%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4056, 0.5014, 0.3574 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 30.4056, 0.5014, 0.3574 by changing the saturation by 10% instead.


 30.4056, 0.5014,
0.3574


 30.4056, 0.5014,
0.3574


303.7905, 0.4014,
0.3502

 20.1467, 0.5268,
0.3560


 60.3030, 0.4644,
0.3570


 12.5017, 0.5589,
0.3522


 80.7103, 0.4506,
0.3561


 7.0863, 0.5999,
0.3432


 105.2691, 0.4390,
0.3551

 3.5161, 0.6682,
0.3318

 134.3639, 0.4292,
0.3541

 1.4068, 0.7168,
0.2832

 168.3790, 0.4208,
0.3531

 0.2217, 0.8679,
0.1321

207.6989, 0.4134,

 0.0000, 1.0000,

0.3521

0.0000

252.7079, 0.4070,
0.3511

0.0000, 0.0000,
0.0000

30.4056, 0.5014,
0.3574

30.4056, 0.5014,
0.3574

26.2524, 0.5438,
0.3573

35.6182, 0.4598,
0.3550

23.0797, 0.5823,
0.3539

41.9520, 0.4221,
0.3509

20.8050, 0.6116,
0.3474


49.4695, 0.3894,
0.3461


19.9238, 0.6230,
0.3435

58.2276, 0.3619,
0.3409

68.2791, 0.3391,
0.3359

 79.6737, 0.3204,
0.3311

 92.4588, 0.3049,
0.3267

 96.9180, 0.3023,
0.3290

Harmonies

Analogous

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



30.4056, 0.4545, 0.2930



30.4056, 0.5014, 0.3574



30.4056, 0.4851, 0.4253

Triad

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



30.4056, 0.5014, 0.3574



30.4056, 0.2483, 0.4547



30.4056, 0.1955, 0.1882

Complementary

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



30.4056, 0.5014, 0.3574



54.1647, 0.2273, 0.2921

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.



30.4056, 0.1594, 0.2036



30.4056, 0.5014, 0.3574



30.4056, 0.1836, 0.3470

Square

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



30.4056, 0.5014, 0.3574



30.4056, 0.3359, 0.5093



30.4056, 0.1547, 0.2546



30.4056, 0.2647, 0.2010

Rectangle

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



30.4056, 0.5014, 0.3574



30.4056, 0.4467, 0.4683



30.4056, 0.1547, 0.2546



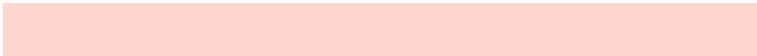
30.4056, 0.1799, 0.1900

Sweetspot

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



30.4073, 0.5014, 0.3574



74.5242, 0.3486, 0.3381



29.2928, 0.3469, 0.2018



15.2366, 0.3552, 0.3395



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.



30.4073, 0.5014, 0.3574



29.2427, 0.5584, 0.3565



54.2223, 0.4373, 0.4346



16.2233, 0.3289, 0.3334



11.2489, 0.6208, 0.3453



1.0649, 0.5972, 0.3640

Inverse Universe

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



54.1647, 0.2273, 0.2921



58.6528, 0.2171, 0.2831



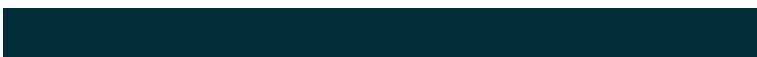
25.4849, 0.2020, 0.1852



17.4119, 0.2981, 0.3246



25.3328, 0.2083, 0.2699



2.2332, 0.2107, 0.2785

Previews

White Background



This preview shows how the Yxy color 30.4056, 0.5014, 0.3574 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.4056, 0.5014, 0.3574 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4056, 0.5014, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 30.4056, 0.5014, 0.3574.



This preview shows how white text looks on a background with the Yxy color 30.4056, 0.5014, 0.3574.

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

30.4056, 0.5014, 0.3574

Protanopia

30.4811, 0.3780, 0.4083

Deuteranopia

30.3853, 0.4254, 0.4174



Tritanopia

30.4882, 0.4690, 0.3221

Trichromacy



Original Color

30.4056, 0.5014, 0.3574

Protanomaly

29.3458, 0.4230, 0.3877

Deuteranomaly

29.9191, 0.4549, 0.3934

Tritanomaly

30.2875, 0.4814, 0.3347

Monochromacy



Original Color

30.4056, 0.5014, 0.3574

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.0640, 0.3775, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4056, 0.5014, 0.3574 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(238, 112, 84)` looks like.

```
.text, #text, p{  
    color:rgb(238, 112, 84)  
}
```

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(238, 112, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 112, 84) }
```

Border

The CSS property to change the border of an element to Yxy 30.4056, 0.5014, 0.3574 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(238, 112, 84) }
```

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

```
.border{ border-color:rgb(238, 112, 84) }
```

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

Here you see how a box with a 4 pixel rgb(238, 112, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 112, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 112, 84);  
box-shadow:4px 4px 4px 4px rgb(238, 112,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4056, 0.5014, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 112, 84) }
```

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

```
.background{ background-color: rgb(238,  
112, 84) }
```

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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