

Converting Colors

Yxy(31.2414, 0.4960, 0.3550)

Have a look what the booklet for
Yxy(31.2414, 0.4960, 0.3550)
contains.

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Color

Yxy(31.2812, 0.4960, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	F07259
RGB	240, 114, 89
RGB Percent	94%, 45%, 35%
CMY	0.0588, 0.5529, 0.6510
CMYK	0.00, 0.52, 0.63, 0.06
HSL	10°, 83%, 65%
HSV	10°, 63%, 94%
XYZ	43.7549, 31.2812, 13.1794
YIQ	148.8240, 83.1210, 18.9370

Conversions

Conversions Part 2

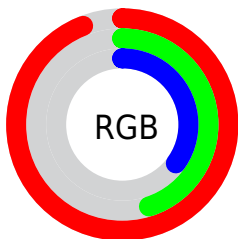
Format	Color
R _Y B	240, 119, 89
Decimal	15757913
CIE Lab	62.74, 46.65, 36.83
CIE LCh	63, 59.442, 38.290
Yxy	31.2812, 0.4960, 0.3546
Android (android.graphics.Color)	4293947993 (0xFFFF07259)
YUV	148.8240, -29.4932, 79.9614
Hunter-Lab	55.9296, 41.7674, 25.1795

Details

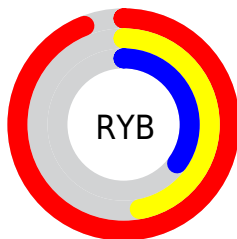
The Yxy color **31.2812, 0.4960, 0.3546** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **57.0015, 0.2296, 0.2965**, and the grayscale version is **30.0782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.5294, 0.4199, 0.3596**, and **12.9696, 0.5521, 0.3502** is the 20% darker color. If you saturate the color by 10%, you get **26.9096, 0.5392, 0.3548**, and if you desaturate by 10%, it is **36.7762, 0.4543, 0.3521**.

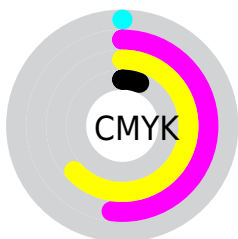
Distribution



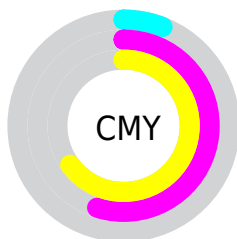
- Red (94%)
- Green (45%)
- Blue (35%)



- Red (94%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (52%)
- Yellow (63%)
- Black (6%)





- Cyan (6%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2812, 0.4960, 0.3546 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 31.2812, 0.4960, 0.3546 by changing the saturation by 10% instead.

 31.2812, 0.4960,
0.3546

 31.2812, 0.4960,
0.3546


307.8317, 0.3990,
0.3483


 20.8131, 0.5207,
0.3533


 61.6825, 0.4601,
0.3543

 12.9874, 0.5521,
0.3498


 82.3845, 0.4467,
0.3536


 7.4199, 0.5925,
0.3416


 107.2666, 0.4355,
0.3527

 3.7261, 0.6558,
0.3295

 136.7131, 0.4260,
0.3518

 1.5215, 0.7126,
0.2874

 171.1085, 0.4178,
0.3509

 0.3038, 0.8382,
0.1618

210.8371, 0.4107,

 0.0000, 1.0000,

0.3500

0.0000

256.2834, 0.4045,
0.3491

0.0000, 0.0000,
0.0000

31.2812, 0.4960,
0.3546

31.2812, 0.4960,
0.3546

26.9096, 0.5392,
0.3548

36.7762, 0.4543,
0.3521

23.5778, 0.5791,
0.3521

43.4602, 0.4168,
0.3483


21.1983, 0.6103,
0.3464


51.4000, 0.3847,
0.3438


20.0272, 0.6256,
0.3415

60.6556, 0.3578,
0.3391

71.2834, 0.3356,
0.3345

 83.3363, 0.3174,
0.3302

 96.7360, 0.3035,
0.3282

 97.2650, 0.3035,
0.3290

Harmonies

Analogous

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



31.2812, 0.4475, 0.2915



31.2812, 0.4960, 0.3546



31.2812, 0.4832, 0.4211

Triad

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



31.2812, 0.4960, 0.3546



31.2812, 0.2537, 0.4548



31.2812, 0.1959, 0.1912

Complementary

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



31.2812, 0.4960, 0.3546



57.0015, 0.2296, 0.2965

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.



31.2812, 0.1617, 0.2080



31.2812, 0.4960, 0.3546



31.2812, 0.1887, 0.3515

Square

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



31.2812, 0.4960, 0.3546



31.2812, 0.3399, 0.5047



31.2812, 0.1585, 0.2599



31.2812, 0.2623, 0.2026

Rectangle

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



31.2812, 0.4960, 0.3546



31.2812, 0.4472, 0.4632



31.2812, 0.1585, 0.2599



31.2812, 0.1809, 0.1934

Sweetspot

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



31.2829, 0.4960, 0.3546



74.1297, 0.3487, 0.3373



30.6950, 0.3430, 0.2022



15.1430, 0.3554, 0.3386



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.



31.2829, 0.4960, 0.3546



29.4833, 0.5531, 0.3543



54.8476, 0.4356, 0.4302



16.1819, 0.3289, 0.3330



11.0912, 0.6234, 0.3432



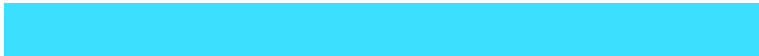
1.0454, 0.6005, 0.3614

Inverse Universe

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



57.0015, 0.2296, 0.2965



60.9321, 0.2194, 0.2885



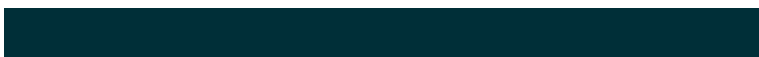
27.7126, 0.2056, 0.1932



17.4569, 0.2981, 0.3250



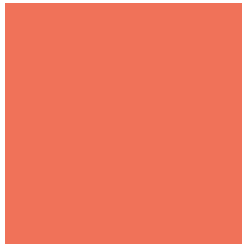
26.2837, 0.2098, 0.2753



2.3039, 0.2120, 0.2831

Previews

White Background



This preview shows how the Yxy color 31.2812, 0.4960, 0.3546 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 31.2812, 0.4960, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

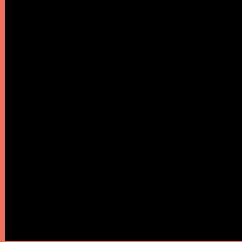
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.2812, 0.4960, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 31.2812, 0.4960, 0.3546.



This preview shows how white text looks on a background with the Yxy color 31.2812, 0.4960, 0.3546.

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

31.2812, 0.4960, 0.3546

Protanopia

31.4553, 0.3734, 0.4016

Deuteranopia

31.3144, 0.4213, 0.4131



Tritanopia

31.3371, 0.4659, 0.3211

Trichromacy



Original Color

31.2812, 0.4960, 0.3546

Protanomaly

30.2843, 0.4173, 0.3820

Deuteranomaly

30.8279, 0.4502, 0.3897

Tritanomaly

31.1312, 0.4781, 0.3336

Monochromacy



Original Color

31.2812, 0.4960, 0.3546

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.0857, 0.3755, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2812, 0.4960, 0.3546 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(240, 114, 89)` looks like.

```
.text, #text, p{  
    color:rgb(240, 114, 89)  
}
```

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(240, 114, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 114, 89) }
```

Border

The CSS property to change the border of an element to Yxy 31.2812, 0.4960, 0.3546 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(240, 114, 89) }
```

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

```
.border{ border-color:rgb(240, 114, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 114, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 114, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 114, 89);  
box-shadow:4px 4px 4px 4px rgb(240, 114,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2812, 0.4960, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 114, 89) }
```

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

```
.background{ background-color: rgb(240,  
114, 89) }
```

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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