

Converting Colors

$Y_{xy}(38.1408, 0.4424, 0.3712)$

Have a look what the booklet for
Yxy(38.1408, 0.4424, 0.3712)
contains.

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Color

Yxy(38.1565, 0.4424, 0.3713)

Conversions

Conversions Part 1

Format	Color
Hex	E6916C
RGB	230, 145, 108
RGB Percent	90%, 57%, 42%
CMY	0.0980, 0.4313, 0.5766
CMYK	0.00, 0.37, 0.53, 0.10
HSL	18°, 71%, 66%
HSV	18°, 53%, 90%
XYZ	45.4631, 38.1565, 19.1450
YIQ	166.1970, 62.5370, 6.5130

Conversions

Conversions Part 2

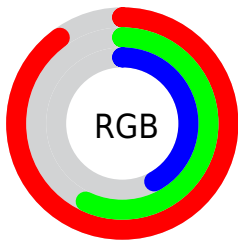
Format	Color
R _Y B	230, 161, 108
Decimal	15110508
CIE Lab	68.14, 28.38, 33.02
CIE LCh	68, 43.534, 49.322
Yxy	38.1565, 0.4424, 0.3713
Android (android.graphics.Color)	4293300588 (0xFFE6916C)
YUV	166.1970, -28.6911, 55.9552
Hunter-Lab	61.7709, 23.2758, 24.8636

Details

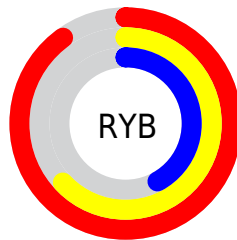
The Yxy color **38.1565, 0.4424, 0.3713** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.0160, 0.2347, 0.2792**, and the grayscale version is **38.3521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6449, 0.3891, 0.3698**, and **16.9896, 0.4801, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **33.1765, 0.4783, 0.3767**, and if you desaturate by 10%, it is **43.9596, 0.4097, 0.3640**.

Distribution



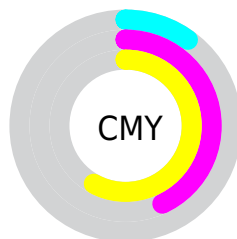
- Red (90%)
- Green (57%)
- Blue (42%)



- Red (90%)
- Yellow (63%)
- Blue (42%)



- Cyan (0%)
- Magenta (37%)
- Yellow (53%)
- Black (10%)





- Cyan (10%)
- Magenta (43%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1565, 0.4424, 0.3713 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 38.1565, 0.4424, 0.3713 by changing the saturation by 10% instead.


 38.1565, 0.4424,
0.3713


 38.1565, 0.4424,
0.3713

338.2908, 0.3754,
0.3533


 26.1042, 0.4593,
0.3744


 72.3479, 0.4178,
0.3657


 16.9016, 0.4808,
0.3774


 95.2559, 0.4086,
0.3633

 10.1644, 0.5090,
0.3795

 122.5511, 0.4009,
0.3612

 5.5081, 0.5464,
0.3788

 154.6180, 0.3943,
0.3593

 2.5483, 0.6173,
0.3827

191.8411, 0.3886,
0.3576

 0.9008, 0.6621,
0.3379

234.6046, 0.3836,

 0.0000, 1.0000,

0.3560

0.0000

283.2931, 0.3793,
0.3546

0.0000, 0.0000,
0.0000

38.1565, 0.4424,
0.3713

38.1565, 0.4424,
0.3713

33.1765, 0.4783,
0.3767

43.9596, 0.4097,
0.3640

28.9748, 0.5154,
0.3790

50.6164, 0.3809,
0.3558

25.5105, 0.5509,
0.3771

58.1627, 0.3562,
0.3473

22.7360, 0.5809,
0.3703

66.6308, 0.3352,
0.3391

21.1810, 0.5977,
0.3636

76.0509, 0.3175,
0.3313

■ 86.4520, 0.3027,
0.3240

■ 95.5626, 0.2976,
0.3290

Harmonies

Analogous

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



38.1565, 0.4221, 0.3218



38.1565, 0.4424, 0.3713



38.1565, 0.4236, 0.4172

Triad

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



38.1565, 0.4424, 0.3713



38.1565, 0.2538, 0.3892



38.1565, 0.2445, 0.2289

Complementary

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



38.1565, 0.4424, 0.3713



47.0160, 0.2347, 0.2792

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.



38.1565, 0.2089, 0.2351



38.1565, 0.4424, 0.3713



38.1565, 0.2131, 0.3216

Square

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



38.1565, 0.4424, 0.3713



38.1565, 0.3130, 0.4385



38.1565, 0.1980, 0.2661



38.1565, 0.3014, 0.2442

Rectangle

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



38.1565, 0.4424, 0.3713



38.1565, 0.3938, 0.4394



38.1565, 0.1980, 0.2661



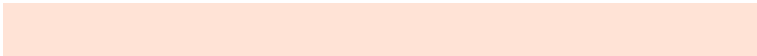
38.1565, 0.2300, 0.2284

Sweetspot

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



38.1584, 0.4424, 0.3713



80.8375, 0.3412, 0.3415



31.4071, 0.3575, 0.2356



16.8235, 0.3455, 0.3432



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.



38.1584, 0.4424, 0.3713



41.1811, 0.4831, 0.3772



61.8500, 0.4029, 0.4348



15.0779, 0.3285, 0.3362



12.1804, 0.5949, 0.3659



1.0593, 0.5662, 0.3887

Inverse Universe

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



47.0160, 0.2347, 0.2792



53.3653, 0.2216, 0.2664



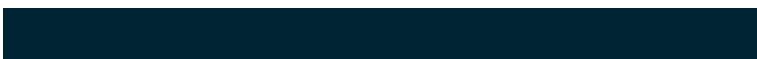
25.5015, 0.2170, 0.1924



15.5590, 0.2981, 0.3217



17.7274, 0.1964, 0.2271



1.4717, 0.2011, 0.2438

Previews

White Background



This preview shows how the Yxy color 38.1565, 0.4424, 0.3713 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 38.1565, 0.4424, 0.3713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

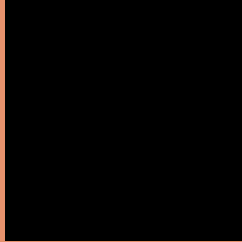
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1565, 0.4424, 0.3713

Background



This preview shows how black text looks on a background with the Yxy color 38.1565, 0.4424, 0.3713.



This preview shows how white text looks on a background with the Yxy color 38.1565, 0.4424, 0.3713.

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

38.1565, 0.4424, 0.3713

Protanopia

38.2601, 0.3705, 0.3974

Deuteranopia

38.2337, 0.4068, 0.3984



Tritanopia

37.9909, 0.4029, 0.3167

Trichromacy



Original Color

38.1565, 0.4424, 0.3713

Protanomaly

37.6744, 0.3959, 0.3869

Deuteranomaly

38.1489, 0.4203, 0.3882

Tritanomaly

37.9548, 0.4179, 0.3362

Monochromacy



Original Color

38.1565, 0.4424, 0.3713

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3169, 0.3561, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1565, 0.4424, 0.3713 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(230, 145, 108)` looks like.

```
.text, #text, p{  
    color:rgb(230, 145, 108)  
}
```

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(230, 145, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 145, 108) }
```

Border

The CSS property to change the border of an element to Yxy 38.1565, 0.4424, 0.3713 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(230, 145, 108) }
```

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

```
.border{ border-color:rgb(230, 145, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 145, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 145, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 145, 108);  
box-shadow:4px 4px 4px 4px rgb(230, 145,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1565, 0.4424, 0.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 145, 108) }
```

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

```
.background{ background-color: rgb(230,  
145, 108) }
```

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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