

Converting Colors

$Y_{xy}(38.7409, 0.4273, 0.3651)$

Have a look what the booklet for
Yxy(38.7409, 0.4273, 0.3651)
contains.

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Color

Yxy(38.6329, 0.4273, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	E29475
RGB	226, 148, 117
RGB Percent	89%, 58%, 46%
CMY	0.1137, 0.4196, 0.5412
CMYK	0.00, 0.35, 0.48, 0.11
HSL	17°, 65%, 67%
HSV	17°, 48%, 89%
XYZ	45.1651, 38.6329, 21.9008
YIQ	167.7880, 56.4390, 6.8950

Conversions

Conversions Part 2

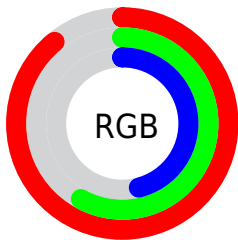
Format	Color
R _Y B	226, 160, 117
Decimal	14849141
CIE Lab	68.48, 26.02, 28.48
CIE LCh	68, 38.574, 47.589
Yxy	38.6329, 0.4273, 0.3655
Android (android.graphics.Color)	4293039221 (0xFFE29475)
YUV	167.7880, -25.0385, 51.0519
Hunter-Lab	62.1554, 20.9348, 22.6176

Details

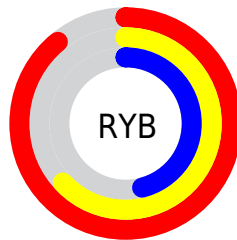
The Yxy color **38.6329, 0.4273, 0.3655** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.2949, 0.2415, 0.2875**, and the grayscale version is **39.1534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8364, 0.3805, 0.3645**, and **17.2916, 0.4623, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **33.4424, 0.4625, 0.3715**, and if you desaturate by 10%, it is **44.6642, 0.3959, 0.3581**.

Distribution



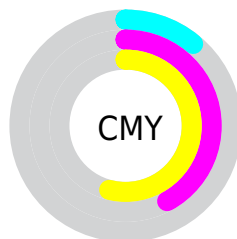
- Red (89%)
- Green (58%)
- Blue (46%)



- Red (89%)
- Yellow (63%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (48%)
- Black (11%)





- Cyan (11%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6329, 0.4273, 0.3655 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 38.6329, 0.4273, 0.3655 by changing the saturation by 10% instead.


 38.6329, 0.4273,
0.3655


 38.6329, 0.4273,
0.3655


340.3272, 0.3680,
0.3496

 26.4743, 0.4424,
0.3685


 73.0772, 0.4054,
0.3604

 17.1788, 0.4619,
0.3716


 96.1316, 0.3973,
0.3583

 10.3620, 0.4877,
0.3744


 123.5868, 0.3904,
0.3564

 5.6397, 0.5229,
0.3755

155.8270, 0.3846,
0.3547

 2.6272, 0.5858,
0.3799

193.2368, 0.3796,
0.3532

 0.9404, 0.6480,
0.3520


236.2005, 0.3752,


 0.0000, 1.0000,


0.3519


0.0000

285.1025, 0.3714,
0.3507


 0.0000, 0.0000,
0.0000

 38.6329, 0.4273,
0.3655


 38.6329, 0.4273,
0.3655


 33.4424, 0.4625,
0.3715


 44.6642, 0.3959,
0.3581


 29.0484, 0.5002,
0.3751


 51.5664, 0.3688,
0.3503


 25.4107, 0.5377,
0.3750


 59.3753, 0.3457,
0.3424


 22.4832, 0.5714,
0.3705

 68.1229, 0.3263,
0.3349

 20.2111, 0.5979,
0.3618

 77.8394, 0.3101,
0.3278

 19.8710, 0.6020,
0.3602

 88.5537, 0.2964,
0.3213

 94.9095, 0.2952,
0.3289

Harmonies

Analogous

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



38.6329, 0.4070, 0.3209



38.6329, 0.4273, 0.3655



38.6329, 0.4133, 0.4064

Triad

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



38.6329, 0.4273, 0.3655



38.6329, 0.2636, 0.3849



38.6329, 0.2497, 0.2390

Complementary

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



38.6329, 0.4273, 0.3655



48.2949, 0.2415, 0.2875

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.



38.6329, 0.2186, 0.2464



38.6329, 0.4273, 0.3655



38.6329, 0.2255, 0.3265

Square

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



38.6329, 0.4273, 0.3655



38.6329, 0.3171, 0.4259



38.6329, 0.2101, 0.2761



38.6329, 0.2998, 0.2516

Rectangle

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



38.6329, 0.4273, 0.3655



38.6329, 0.3881, 0.4259



38.6329, 0.2101, 0.2761



38.6329, 0.2369, 0.2391

Sweetspot

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



38.6348, 0.4273, 0.3655



82.6828, 0.3373, 0.3392



32.8337, 0.3500, 0.2415



17.1742, 0.3416, 0.3409



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.



38.6348, 0.4273, 0.3655



43.8767, 0.4630, 0.3716



59.8746, 0.3954, 0.4243



14.3325, 0.3285, 0.3357



11.5111, 0.5993, 0.3624



0.9477, 0.5688, 0.3866

Inverse Universe

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



48.2949, 0.2415, 0.2875



57.8984, 0.2291, 0.2770



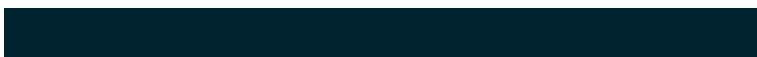
28.2056, 0.2269, 0.2097



14.8787, 0.2982, 0.3222



18.0249, 0.1983, 0.2340



1.3995, 0.2029, 0.2504

Previews

White Background



This preview shows how the Yxy color 38.6329, 0.4273, 0.3655 looks on a white background.

Color Contrast Check

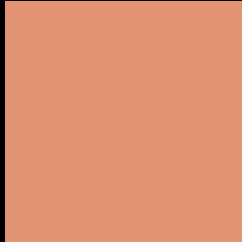
Large Text (above 18pt) WCAG AA × Fail

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 38.6329, 0.4273, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

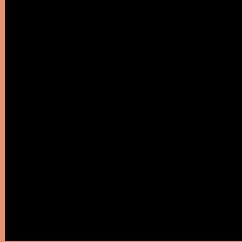
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6329, 0.4273, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 38.6329, 0.4273, 0.3655.



This preview shows how white text looks on a background with the Yxy color 38.6329, 0.4273, 0.3655.

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

38.6329, 0.4273, 0.3655

Protanopia

38.7018, 0.3619, 0.3879

Deuteranopia

38.6588, 0.3959, 0.3876



Tritanopia

38.6360, 0.3928, 0.3164

Trichromacy



Original Color

38.6329, 0.4273, 0.3655

Protanomaly

38.2825, 0.3851, 0.3795

Deuteranomaly

38.5932, 0.4064, 0.3794

Tritanomaly

38.6679, 0.4053, 0.3340

Monochromacy



Original Color

38.6329, 0.4273, 0.3655

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.4785, 0.3514, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6329, 0.4273, 0.3655 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(226, 148, 117)` looks like.

```
.text, #text, p{  
    color:rgb(226, 148, 117)  
}
```

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(226, 148, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 148, 117) }
```

Border

The CSS property to change the border of an element to Yxy 38.6329, 0.4273, 0.3655 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(226, 148, 117) }
```

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

```
.border{ border-color:rgb(226, 148, 117) }
```

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

Here you see how a box with a 4 pixel rgb(226, 148, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 148, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 148, 117);  
box-shadow:4px 4px 4px 4px rgb(226, 148,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6329, 0.4273, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 148, 117) }
```

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

```
.background{ background-color: rgb(226,  
148, 117) }
```

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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