

Converting Colors

$Yxy(38.2699, 0.4286, 0.3642)$

Have a look what the booklet for
Yxy(38.2699, 0.4286, 0.3642)
contains.

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Color

Yxy(38.3205, 0.4279, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	E29375
RGB	226, 147, 117
RGB Percent	89%, 58%, 46%
CMY	0.1137, 0.4235, 0.5411
CMYK	0.00, 0.35, 0.48, 0.11
HSL	17°, 65%, 67%
HSV	17°, 48%, 89%
XYZ	45.0105, 38.3205, 21.8584
YIQ	167.2010, 56.7140, 7.4180

Conversions

Conversions Part 2

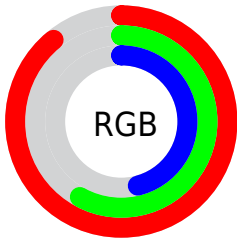
Format	Color
R_{YB}	226, 158, 117
Decimal	14848885
CIE _{Lab}	68.26, 26.56, 28.16
CIE _{LCh}	68, 38.708, 46.682
Yxy	38.3205, 0.4279, 0.3643
Android (android.graphics.Color)	4293038965 (0xFFE29375)
YUV	167.2010, -24.7491, 51.5667
Hunter-Lab	61.9036, 21.4575, 22.3970

Details

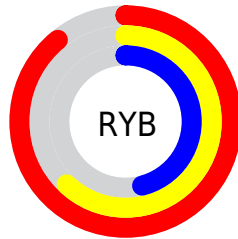
The Yxy color **38.3205, 0.4279, 0.3643** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.7626, 0.2418, 0.2889**, and the grayscale version is **38.8505, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8979, 0.3811, 0.3625**, and **17.1079, 0.4634, 0.3709** is the 20% darker color. If you saturate the color by 10%, you get **33.1158, 0.4635, 0.3701**, and if you desaturate by 10%, it is **44.3829, 0.3963, 0.3572**.

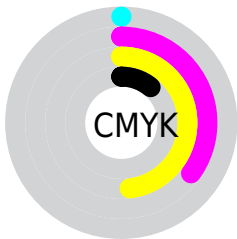
Distribution



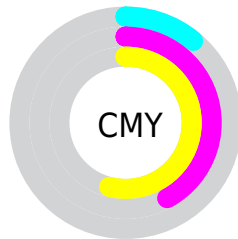
- Red (89%)
- Green (58%)
- Blue (46%)



- Red (89%)
- Yellow (62%)
- 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 38.3205, 0.4279, 0.3643 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 38.3205, 0.4279, 0.3643 by changing the saturation by 10% instead.


 38.3205, 0.4279,
0.3643


 38.3205, 0.4279,
0.3643


338.9928, 0.3682,
0.3490

 26.2315, 0.4432,
0.3671


 72.5991, 0.4058,
0.3594

 16.9969, 0.4629,
0.3700


 95.5576, 0.3977,
0.3574

 10.2323, 0.4889,
0.3726


 122.9079, 0.3908,
0.3556

 5.5533, 0.5246,
0.3733

155.0347, 0.3849,
0.3540

 2.5754, 0.5888,
0.3772

192.3221, 0.3798,
0.3525

 0.9143, 0.6521,
0.3479

235.1547, 0.3754,

 0.0000, 1.0000,

0.3512

0.0000

283.9168, 0.3716,
0.3501

0.0000, 0.0000,
0.0000

38.3205, 0.4279,
0.3643

38.3205, 0.4279,
0.3643

33.1158, 0.4635,
0.3701

44.3829, 0.3963,
0.3572

28.7233, 0.5016,
0.3735

51.3344, 0.3689,
0.3496

25.1014, 0.5395,
0.3733

59.2119, 0.3458,
0.3419


22.2023, 0.5735,
0.3687


68.0483, 0.3263,
0.3347

19.9693, 0.6000,
0.3600

77.8749, 0.3100,
0.3278

 19.6345, 0.6042,
0.3584

 88.7216, 0.2964,
0.3215

 94.9096, 0.2952,
0.3289

Harmonies

Analogous

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



38.3205, 0.4065, 0.3195



38.3205, 0.4279, 0.3643



38.3205, 0.4147, 0.4057

Triad

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



38.3205, 0.4279, 0.3643



38.3205, 0.2648, 0.3869



38.3205, 0.2481, 0.2384

Complementary

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



38.3205, 0.4279, 0.3643



48.7626, 0.2418, 0.2889

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.



38.3205, 0.2175, 0.2465



38.3205, 0.4279, 0.3643



38.3205, 0.2259, 0.3283

Square

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



38.3205, 0.4279, 0.3643



38.3205, 0.3188, 0.4273



38.3205, 0.2097, 0.2770



38.3205, 0.2980, 0.2506

Rectangle

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



38.3205, 0.4279, 0.3643



38.3205, 0.3898, 0.4258



38.3205, 0.2097, 0.2770



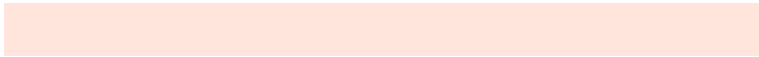
38.3205, 0.2355, 0.2387

Sweetspot

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



38.3224, 0.4279, 0.3643



82.4966, 0.3373, 0.3389



32.9244, 0.3480, 0.2397



17.1292, 0.3417, 0.3405



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.



38.3224, 0.4279, 0.3643



43.4382, 0.4641, 0.3702



59.0294, 0.3963, 0.4225



14.3112, 0.3285, 0.3355



11.3718, 0.6015, 0.3606



0.9357, 0.5710, 0.3848

Inverse Universe

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



48.7626, 0.2418, 0.2889



58.6012, 0.2295, 0.2788



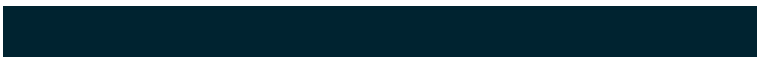
28.7534, 0.2274, 0.2123



14.9013, 0.2982, 0.3224



18.4514, 0.1993, 0.2374



1.4263, 0.2037, 0.2532

Previews

White Background



This preview shows how the Yxy color 38.3205, 0.4279, 0.3643 looks on a white background.

Color Contrast Check

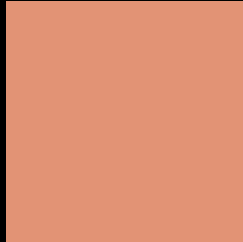
Large Text (above 18pt) WCAG AA × Fail

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 38.3205, 0.4279, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

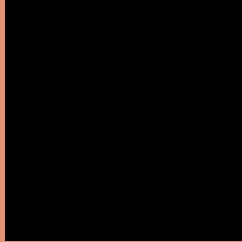
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3205, 0.4279, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 38.3205, 0.4279, 0.3643.



This preview shows how white text looks on a background with the Yxy color 38.3205, 0.4279, 0.3643.

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

38.3205, 0.4279, 0.3643

Protanopia

38.7018, 0.3619, 0.3879

Deuteranopia

38.5215, 0.3948, 0.3878



Tritanopia

38.3039, 0.3943, 0.3164

Trichromacy



Original Color

38.3205, 0.4279, 0.3643

Protanomaly

38.2825, 0.3851, 0.3795

Deuteranomaly

38.2590, 0.4069, 0.3782

Tritanomaly

38.3339, 0.4069, 0.3340

Monochromacy



Original Color

38.3205, 0.4279, 0.3643

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.0029, 0.3507, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3205, 0.4279, 0.3643 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, 147, 117)` looks like.

```
.text, #text, p{  
    color:rgb(226, 147, 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, 147, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 147, 117) }
```

Border

The CSS property to change the border of an element to Yxy 38.3205, 0.4279, 0.3643 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, 147, 117) }
```

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

```
.border{ border-color:rgb(226, 147, 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, 147, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 147, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 147, 117);  
box-shadow:4px 4px 4px 4px rgb(226, 147,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3205, 0.4279, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 147, 117) }
```

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

```
.background{ background-color: rgb(226,  
147, 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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