

Converting Colors

Yxy(39.6225, 0.4297, 0.3641)

Have a look what the booklet for
Yxy(39.6225, 0.4297, 0.3641)
contains.

Yxy(39.6259, 0.4295, 0.3649)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6259, 0.4295, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	E69576
RGB	230, 149, 118
RGB Percent	90%, 58%, 46%
CMY	0.0982, 0.4156, 0.5373
CMYK	0.00, 0.35, 0.49, 0.10
HSL	17°, 69%, 68%
HSV	17°, 49%, 90%
XYZ	46.6411, 39.6259, 22.3269
YIQ	169.6850, 58.2270, 7.5310

Conversions

Conversions Part 2

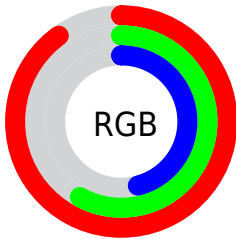
Format	Color
R_{YB}	230, 161, 118
Decimal	15111542
CIE _{Lab}	69.20, 27.13, 28.96
CIE _{LCh}	69, 39.683, 46.874
Yxy	39.6259, 0.4295, 0.3649
Android (android.graphics.Color)	4293301622 (0xFFE69576)
YUV	169.6850, -25.4807, 52.8963
Hunter-Lab	62.9491, 22.0956, 23.0353

Details

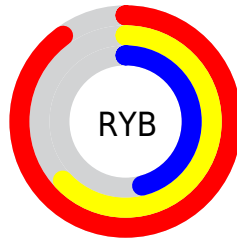
The Yxy color **39.6259, 0.4295, 0.3649** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.3750, 0.2411, 0.2881**, and the grayscale version is **40.1420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.3480, 0.3793, 0.3645**, and **17.6370, 0.4647, 0.3702** is the 20% darker color. If you saturate the color by 10%, you get **34.2553, 0.4652, 0.3707**, and if you desaturate by 10%, it is **45.8844, 0.3977, 0.3578**.

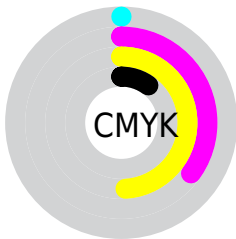
Distribution



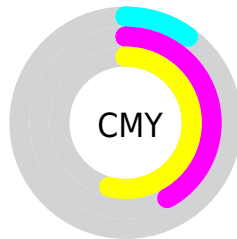
- Red (90%)
- Green (58%)
- Blue (46%)



- Red (90%)
- Yellow (63%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (49%)
- Black (10%)





- Cyan (10%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6259, 0.4295, 0.3649 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 39.6259, 0.4295, 0.3649 by changing the saturation by 10% instead.


 39.6259, 0.4295,
0.3649


 39.6259, 0.4295,
0.3649

344.5443, 0.3693,
0.3495

 27.2470, 0.4448,
0.3677


 74.5935, 0.4074,
0.3600

 17.7588, 0.4644,
0.3706

 97.9510, 0.3991,
0.3580

 10.7770, 0.4902,
0.3730


 125.7368, 0.3922,
0.3561

 5.9171, 0.5253,
0.3738

158.3353, 0.3862,
0.3545

 2.7947, 0.5852,
0.3759

196.1309, 0.3811,
0.3531

 1.0255, 0.6498,
0.3502

239.5080, 0.3767,

 0.0000, 1.0000,

0.3517

0.0000

288.8510, 0.3727,
0.3506

■ 0.0000, 0.0000,
0.0000

■ 39.6259, 0.4295,
0.3649

■ 39.6259, 0.4295,
0.3649

■ 34.2553, 0.4652,
0.3707

■ 45.8844, 0.3977,
0.3578

■ 29.7252, 0.5033,
0.3739

■ 53.0636, 0.3702,
0.3501

■ 25.9925, 0.5411,
0.3735


■ 61.2016, 0.3468,
0.3424


■ 23.0073, 0.5748,
0.3687

■ 70.3326, 0.3272,
0.3350

■ 20.7098, 0.6009,
0.3598

■ 80.4893, 0.3107,
0.3281

 20.4541, 0.6039,
0.3587

 91.6399, 0.2975,
0.3227

 95.5566, 0.2975,
0.3290

Harmonies

Analogous

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



39.6259, 0.4081, 0.3196



39.6259, 0.4295, 0.3649



39.6259, 0.4159, 0.4068

Triad

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



39.6259, 0.4295, 0.3649



39.6259, 0.2638, 0.3874



39.6259, 0.2475, 0.2374

Complementary

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



39.6259, 0.4295, 0.3649



50.3750, 0.2411, 0.2881

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.



39.6259, 0.2164, 0.2453



39.6259, 0.4295, 0.3649



39.6259, 0.2246, 0.3278

Square

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



39.6259, 0.4295, 0.3649



39.6259, 0.3184, 0.4286



39.6259, 0.2084, 0.2760



39.6259, 0.2981, 0.2498

Rectangle

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



39.6259, 0.4295, 0.3649



39.6259, 0.3905, 0.4272



39.6259, 0.2084, 0.2760



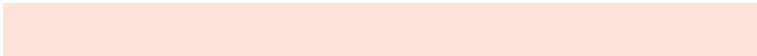
39.6259, 0.2347, 0.2376

Sweetspot

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



39.6279, 0.4295, 0.3649



81.3876, 0.3393, 0.3397



33.9465, 0.3485, 0.2388



16.9107, 0.3437, 0.3413



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.



39.6279, 0.4295, 0.3649



43.5330, 0.4638, 0.3705



61.2319, 0.3972, 0.4234



15.0149, 0.3286, 0.3356



11.7608, 0.6012, 0.3609



1.0215, 0.5724, 0.3837

Inverse Universe

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



50.3750, 0.2411, 0.2881



58.4482, 0.2294, 0.2784



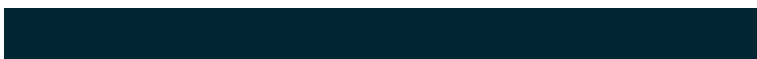
29.5443, 0.2265, 0.2108



15.6255, 0.2981, 0.3223



18.9414, 0.1990, 0.2365



1.5537, 0.2032, 0.2516

Previews

White Background



This preview shows how the Yxy color 39.6259, 0.4295, 0.3649 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 39.6259, 0.4295, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

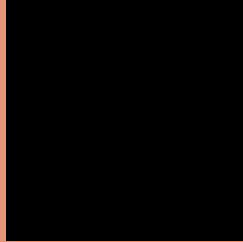
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6259, 0.4295, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 39.6259, 0.4295, 0.3649.



This preview shows how white text looks on a background with the Yxy color 39.6259, 0.4295, 0.3649.

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

39.6259, 0.4295, 0.3649

Protanopia

39.7320, 0.3614, 0.3872

Deuteranopia

39.6350, 0.3968, 0.3895



Tritanopia

39.6367, 0.3954, 0.3166

Trichromacy



Original Color

39.6259, 0.4295, 0.3649

Protanomaly

39.4380, 0.3853, 0.3788

Deuteranomaly

39.3719, 0.4088, 0.3800

Tritanomaly

39.6666, 0.4077, 0.3339

Monochromacy



Original Color

39.6259, 0.4295, 0.3649

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2815, 0.3522, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6259, 0.4295, 0.3649 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, 149, 118)` looks like.

```
.text, #text, p{  
    color:rgb(230, 149, 118)  
}
```

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, 149, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 149, 118) }
```

Border

The CSS property to change the border of an element to Yxy 39.6259, 0.4295, 0.3649 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, 149, 118) }
```

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

```
.border{ border-color:rgb(230, 149, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 149, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 149, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 149, 118);  
box-shadow:4px 4px 4px 4px rgb(230, 149,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6259, 0.4295, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 149, 118) }
```

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

```
.background{ background-color: rgb(230,  
149, 118) }
```

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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