

Converting Colors

$Yxy(60.2784, 0.3753, 0.3691)$

Have a look what the booklet for
Yxy(60.2784, 0.3753, 0.3691)
contains.

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Color

Yxy(60.1951, 0.3759, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	EEC4A0
RGB	238, 196, 160
RGB Percent	93%, 77%, 63%
CMY	0.0668, 0.2313, 0.3726
CMYK	0.00, 0.18, 0.33, 0.07
HSL	28°, 70%, 78%
HSV	28°, 33%, 93%
XYZ	61.3373, 60.1951, 41.6422
YIQ	204.4540, 36.5880, -2.2920

Conversions

Conversions Part 2

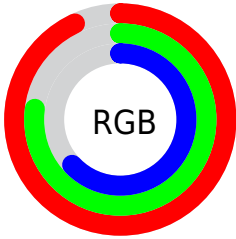
Format	Color
R _Y B	238, 227, 160
Decimal	15647904
CIE Lab	81.94, 9.91, 23.70
CIE LCh	82, 25.684, 67.308
Yxy	60.1951, 0.3759, 0.3689
Android (android.graphics.Color)	4293837984 (0xFFEEC4A0)
YUV	204.4540, -21.9158, 29.4198
Hunter-Lab	77.5855, 5.3434, 22.4874

Details

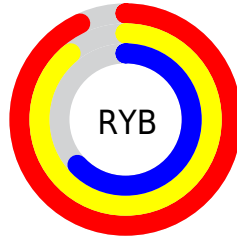
The Yxy color $60.1951, 0.3759, 0.3689$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $55.8627, 0.2606, 0.2852$, and the grayscale version is $60.8099, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.4169, 0.3366, 0.3662$, and $30.2525, 0.3927, 0.3779$ is the 20% darker color. If you saturate the color by 10%, you get $53.9106, 0.4009, 0.3813$, and if you desaturate by 10%, it is $67.1376, 0.3536, 0.3563$.

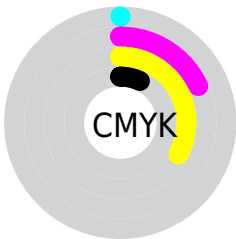
Distribution



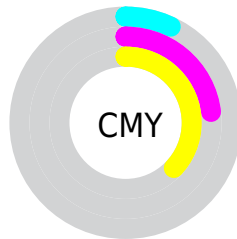
- Red (93%)
- Green (77%)
- Blue (63%)



- Red (93%)
- Yellow (89%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (7%)





- Cyan (7%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1951, 0.3759, 0.3689 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 60.1951, 0.3759, 0.3689 by changing the saturation by 10% instead.


 60.1951, 0.3759,
0.3689


 60.1951, 0.3759,
0.3689


425.3165, 0.3455,
0.3505

 43.5759, 0.3831,
0.3730


 105.1126, 0.3652,
0.3626

 30.3372, 0.3920,
0.3780


 134.1798, 0.3611,
0.3601

 20.0947, 0.4035,
0.3842


168.1650, 0.3575,
0.3580

 12.4639, 0.4186,
0.3919

207.4527, 0.3545,
0.3561

 7.0604, 0.4395,
0.4018

252.4274, 0.3518,
0.3545

 3.4999, 0.4693,
0.4138

303.4733, 0.3495,

 1.3980, 0.5465,

0.3530

360.9749, 0.3474,
0.3517

0.4535

0.2152, 0.6747,
0.3253

0.0000, 0.0000,
0.0000

60.1951, 0.3759,
0.3689

60.1951, 0.3759,
0.3689

53.9106, 0.4009,
0.3813

67.1376, 0.3536,
0.3563

48.2543, 0.4284,
0.3927

74.7499, 0.3340,
0.3439

43.2063, 0.4576,
0.4019

83.0540, 0.3170,
0.3321

38.7419, 0.4871,
0.4076

92.0563, 0.3024,
0.3213

■ 34.8343, 0.5150,
0.4086

■ 96.9120, 0.3023,
0.3290

■ 31.4532, 0.5393,
0.4042

■ 29.3091, 0.5543,
0.3980

Harmonies

Analogous

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



60.1951, 0.3764, 0.3437



60.1951, 0.3759, 0.3689



60.1951, 0.3578, 0.3853

Triad

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



60.1951, 0.3759, 0.3689



60.1951, 0.2681, 0.3399



60.1951, 0.2949, 0.2783

Complementary

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



60.1951, 0.3759, 0.3689



55.8627, 0.2606, 0.2852

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.



60.1951, 0.2678, 0.2753



60.1951, 0.3759, 0.3689



60.1951, 0.2530, 0.3089

Square

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



60.1951, 0.3759, 0.3689



60.1951, 0.2952, 0.3694



60.1951, 0.2529, 0.2857



60.1951, 0.3282, 0.2931

Rectangle

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



60.1951, 0.3759, 0.3689



60.1951, 0.3387, 0.3880



60.1951, 0.2529, 0.2857



60.1951, 0.2848, 0.2759

Sweetspot

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



60.1979, 0.3759, 0.3689



90.0215, 0.3291, 0.3406



47.6192, 0.3472, 0.2822



18.9823, 0.3316, 0.3423



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.



60.1979, 0.3759, 0.3689



65.6479, 0.3916, 0.3769



79.5964, 0.3633, 0.4071



16.9622, 0.3282, 0.3399



16.6089, 0.5518, 0.4001



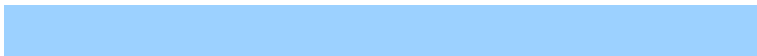
1.5787, 0.5299, 0.4174

Inverse Universe

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



55.8627, 0.2606, 0.2852



59.8728, 0.2503, 0.2751



40.1587, 0.2545, 0.2367



16.6376, 0.2980, 0.3178



12.3270, 0.1808, 0.1707



1.2244, 0.1870, 0.1932

Previews

White Background



This preview shows how the Yxy color 60.1951, 0.3759, 0.3689 looks on a white background.

Color Contrast Check

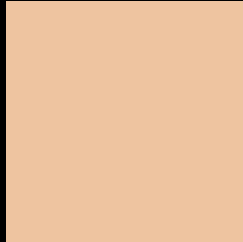
Large Text (above 18pt) WCAG AA × Fail

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 60.1951, 0.3759, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

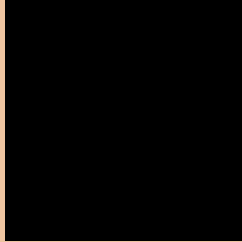
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1951, 0.3759, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 60.1951, 0.3759, 0.3689.



This preview shows how white text looks on a background with the Yxy color 60.1951, 0.3759, 0.3689.

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

60.1951, 0.3759, 0.3689

Protanopia

60.6178, 0.3527, 0.3757

Deuteranopia

60.3686, 0.3768, 0.3688



Tritanopia

60.2894, 0.3448, 0.3131

Trichromacy



Original Color

60.1951, 0.3759, 0.3689

Protanomaly

60.4252, 0.3610, 0.3725

Deuteranomaly

60.3686, 0.3768, 0.3688

Tritanomaly

60.0742, 0.3558, 0.3324

Monochromacy



Original Color

60.1951, 0.3759, 0.3689

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0031, 0.3342, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1951, 0.3759, 0.3689 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(238, 196, 160)` looks like.

```
.text, #text, p{  
    color:rgb(238, 196, 160)  
}
```

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(238, 196, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 196, 160) }
```

Border

The CSS property to change the border of an element to Yxy 60.1951, 0.3759, 0.3689 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(238, 196, 160) }
```

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

```
.border{ border-color:rgb(238, 196, 160) }
```

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

Here you see how a box with a 4 pixel rgb(238, 196, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 196, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 196, 160);  
box-shadow:4px 4px 4px 4px rgb(238, 196,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1951, 0.3759, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 196, 160) }
```

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

```
.background{ background-color: rgb(238,  
196, 160) }
```

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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