

Converting Colors

$Y_{xy}(51.7788, 0.3956, 0.3731)$

Have a look what the booklet for
Yxy(51.7788, 0.3956, 0.3731)
contains.

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Color

Yxy(51.6261, 0.3961, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	EAB38C
RGB	234, 179, 140
RGB Percent	92%, 70%, 55%
CMY	0.0825, 0.2980, 0.4509
CMYK	0.00, 0.23, 0.40, 0.08
HSL	25°, 69%, 73%
HSV	25°, 40%, 92%
XYZ	54.7793, 51.6261, 31.8912
YIQ	190.9990, 45.2990, -0.4690

Conversions

Conversions Part 2

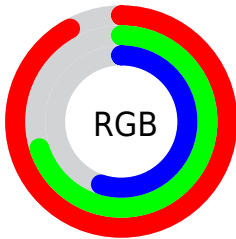
Format	Color
R_{YB}	234, 207, 140
Decimal	15381388
CIE _{Lab}	77.06, 14.99, 27.62
CIE _{LCh}	77, 31.428, 61.509
Yxy	51.6261, 0.3961, 0.3733
Android (android.graphics.Color)	4293571468 (0xFFEAB38C)
YUV	190.9990, -25.1425, 37.7119
Hunter-Lab	71.8513, 10.3482, 23.9801

Details

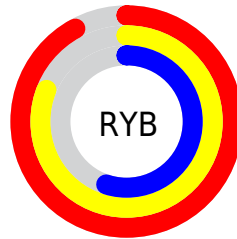
The Yxy color **51.6261, 0.3961, 0.3733** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5294, 0.2497, 0.2793**, and the grayscale version is **52.2295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5717, 0.3533, 0.3703**, and **24.8731, 0.4189, 0.3835** is the 20% darker color. If you saturate the color by 10%, you get **45.7936, 0.4244, 0.3839**, and if you desaturate by 10%, it is **58.1547, 0.3708, 0.3620**.

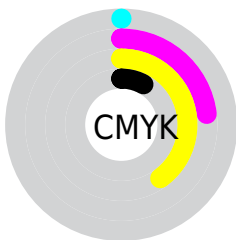
Distribution



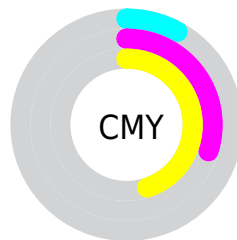
- Red (92%)
- Green (70%)
- Blue (55%)



- Red (92%)
- Yellow (81%)
- Blue (55%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (8%)



- Cyan (8%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6261, 0.3961, 0.3733 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 51.6261, 0.3961, 0.3733 by changing the saturation by 10% instead.


 51.6261, 0.3961,
0.3733


 51.6261, 0.3961,
0.3733


392.9914, 0.3550,
0.3530


 36.7071, 0.4060,
0.3777


 92.5796, 0.3814,
0.3664

 24.9808, 0.4185,
0.3830


 119.3829, 0.3758,
0.3637

 16.0628, 0.4347,
0.3893


 150.9164, 0.3710,
0.3613

 9.5686, 0.4563,
0.3968

187.5646, 0.3669,
0.3592

 5.1139, 0.4859,
0.4049

229.7118, 0.3634,
0.3574

 2.3142, 0.5490,
0.4279

277.7424, 0.3602,

 0.7812, 0.5929,

0.3557

0.4071

332.0408, 0.3575,
0.3543

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6261, 0.3961,
0.3733

51.6261, 0.3961,
0.3733

45.7936, 0.4244,
0.3839

58.1547, 0.3708,
0.3620

40.6246, 0.4550,
0.3926

65.3956, 0.3487,
0.3506

36.0946, 0.4868,
0.3984

73.3738, 0.3295,
0.3396

32.1742, 0.5177,
0.3998

82.1106, 0.3130,
0.3292

■ 28.8308, 0.5453,
0.3959

■ 91.4973, 0.2999,
0.3215

■ 26.0617, 0.5679,
0.3873

■ 96.2279, 0.2999,
0.3290

Harmonies

Analogous

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



51.6261, 0.3923, 0.3400



51.6261, 0.3961, 0.3733



51.6261, 0.3762, 0.3983

Triad

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



51.6261, 0.3961, 0.3733



51.6261, 0.2611, 0.3509



51.6261, 0.2819, 0.2630

Complementary

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



51.6261, 0.3961, 0.3733



50.5294, 0.2497, 0.2793

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.



51.6261, 0.2505, 0.2619



51.6261, 0.3961, 0.3733



51.6261, 0.2391, 0.3095

Square

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



51.6261, 0.3961, 0.3733



51.6261, 0.2976, 0.3878



51.6261, 0.2354, 0.2777



51.6261, 0.3238, 0.2790

Rectangle

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



51.6261, 0.3961, 0.3733



51.6261, 0.3531, 0.4055



51.6261, 0.2354, 0.2777



51.6261, 0.2699, 0.2608

Sweetspot

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



51.6286, 0.3961, 0.3733



87.2918, 0.3329, 0.3416



40.2496, 0.3531, 0.2666



18.4053, 0.3353, 0.3430



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.



51.6286, 0.3961, 0.3733



56.9802, 0.4187, 0.3819



73.0033, 0.3764, 0.4197



16.0814, 0.3282, 0.3388



14.8839, 0.5651, 0.3895



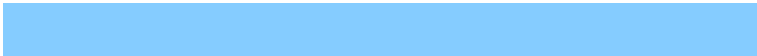
1.3546, 0.5403, 0.4092

Inverse Universe

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



50.5294, 0.2497, 0.2793



55.4486, 0.2376, 0.2673



33.1383, 0.2401, 0.2181



16.0129, 0.2981, 0.3190



13.6234, 0.1853, 0.1872



1.2589, 0.1913, 0.2088

Previews

White Background



This preview shows how the Yxy color 51.6261, 0.3961, 0.3733 looks on a white background.

Color Contrast Check

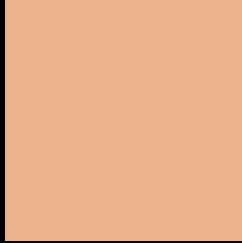
Large Text (above 18pt) WCAG AA × Fail

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 51.6261, 0.3961, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

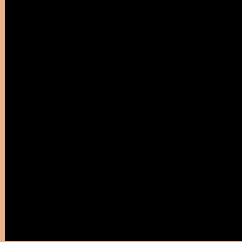
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6261, 0.3961, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 51.6261, 0.3961, 0.3733.



This preview shows how white text looks on a background with the Yxy color 51.6261, 0.3961, 0.3733.

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

51.6261, 0.3961, 0.3733

Protanopia

51.7086, 0.3604, 0.3849

Deuteranopia

51.8998, 0.3879, 0.3802



Tritanopia

51.6095, 0.3602, 0.3147

Trichromacy



Original Color

51.6261, 0.3961, 0.3733

Protanomaly

51.5481, 0.3734, 0.3808

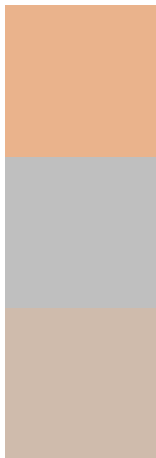
Deuteranomaly

51.9780, 0.3911, 0.3786

Tritanomaly

51.5290, 0.3743, 0.3359

Monochromacy



Original Color

51.6261, 0.3961, 0.3733

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7846, 0.3418, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6261, 0.3961, 0.3733 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(234, 179, 140)` looks like.

```
.text, #text, p{  
    color:rgb(234, 179, 140)  
}
```

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(234, 179, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 179, 140) }
```

Border

The CSS property to change the border of an element to Yxy 51.6261, 0.3961, 0.3733 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(234, 179, 140) }
```

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

```
.border{ border-color:rgb(234, 179, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 179, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 179, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 179, 140);  
box-shadow:4px 4px 4px 4px rgb(234, 179,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6261, 0.3961, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 179, 140) }
```

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

```
.background{ background-color: rgb(234,  
179, 140) }
```

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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