

Converting Colors

Yxy(59.9447, 0.3689, 0.3566)

Have a look what the booklet for
Yxy(59.9447, 0.3689, 0.3566)
contains.

Yxy(60.1096, 0.3681, 0.3567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.1096, 0.3681, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	EEC3AA
RGB	238, 195, 170
RGB Percent	93%, 76%, 67%
CMY	0.0667, 0.2353, 0.3332
CMYK	0.00, 0.18, 0.29, 0.07
HSL	22°, 67%, 80%
HSV	22°, 29%, 93%
XYZ	62.0307, 60.1096, 46.3756
YIQ	205.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

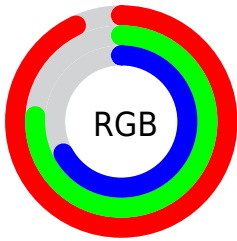
Format	Color
R _Y B	238, 210, 170
Decimal	15647658
CIE Lab	81.90, 11.73, 18.31
CIE LCh	82, 21.746, 57.356
Yxy	60.1096, 0.3681, 0.3567
Android (android.graphics.Color)	4293837738 (0xFFEEC3AA)
YUV	205.0070, -17.2585, 28.9349
Hunter-Lab	77.5304, 7.1365, 18.8064

Details

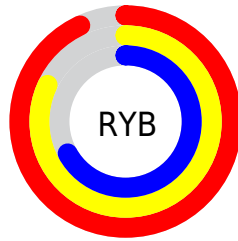
The Yxy color $60.1096, 0.3681, 0.3567$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $62.3164, 0.2682, 0.2995$, and the grayscale version is $61.1531, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.3170, 0.3307, 0.3553$, and $30.1815, 0.3823, 0.3622$ is the 20% darker color. If you saturate the color by 10%, you get $52.8825, 0.3938, 0.3668$, and if you desaturate by 10%, it is $68.1853, 0.3458, 0.3466$.

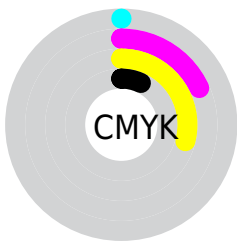
Distribution



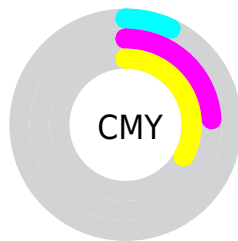
- Red (93%)
- Green (76%)
- Blue (67%)



- Red (93%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1096, 0.3681, 0.3567 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 60.1096, 0.3681, 0.3567 by changing the saturation by 10% instead.


 60.1096, 0.3681,
0.3567

 60.1096, 0.3681,
0.3567


425.0016, 0.3414,
0.3440

 43.5070, 0.3745,
0.3595


 104.9886, 0.3586,
0.3523

 30.2831, 0.3824,
0.3630


134.0339, 0.3550,
0.3506

 20.0536, 0.3927,
0.3672


167.9954, 0.3519,
0.3492

 12.4340, 0.4065,
0.3726

207.2576, 0.3492,
0.3479

 7.0400, 0.4257,
0.3795

252.2050, 0.3469,
0.3467

 3.4871, 0.4543,
0.3882

303.2218, 0.3448,

 1.3910, 0.5308,

0.3457

0.4224

360.6926, 0.3430,
0.3448

0.2101, 0.6982,
0.3018

0.0000, 0.0000,
0.0000

60.1096, 0.3681,
0.3567

60.1096, 0.3681,
0.3567

52.8825, 0.3938,
0.3668

68.1853, 0.3458,
0.3466

46.4667, 0.4231,
0.3763

77.1287, 0.3268,
0.3369

40.8346, 0.4553,
0.3843

86.9684, 0.3105,
0.3277

35.9532, 0.4893,
0.3895

96.9159, 0.3023,
0.3290

■ 31.7871, 0.5229,
0.3907

■ 28.2970, 0.5533,
0.3868

■ 25.4354, 0.5781,
0.3780

■ 25.0688, 0.5814,
0.3766

Harmonies

Analogous

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



60.1096, 0.3631, 0.3340



60.1096, 0.3681, 0.3567



60.1096, 0.3575, 0.3735

Triad

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



60.1096, 0.3681, 0.3567



60.1096, 0.2816, 0.3471



60.1096, 0.2891, 0.2836

Complementary

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



60.1096, 0.3681, 0.3567



62.3164, 0.2682, 0.2995

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.



60.1096, 0.2689, 0.2850



60.1096, 0.3681, 0.3567



60.1096, 0.2647, 0.3205

Square

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



60.1096, 0.3681, 0.3567



60.1096, 0.3071, 0.3691



60.1096, 0.2602, 0.2979



60.1096, 0.3165, 0.2931

Rectangle

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



60.1096, 0.3681, 0.3567



60.1096, 0.3434, 0.3785



60.1096, 0.2602, 0.2979



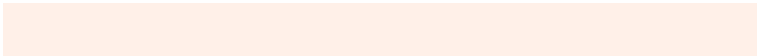
60.1096, 0.2813, 0.2827

Sweetspot

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



60.1124, 0.3681, 0.3567



89.6952, 0.3276, 0.3373



51.7430, 0.3367, 0.2825



18.8592, 0.3302, 0.3387



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.



60.1124, 0.3681, 0.3567



65.4836, 0.3820, 0.3624



77.0793, 0.3583, 0.3917



16.7102, 0.3284, 0.3377



14.2126, 0.5786, 0.3788



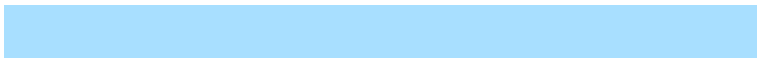
1.3661, 0.5537, 0.3986

Inverse Universe

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



62.3164, 0.2682, 0.2995



68.4250, 0.2596, 0.2928



46.9974, 0.2638, 0.2574



16.8953, 0.2980, 0.3201



15.9624, 0.1900, 0.2040



1.5171, 0.1951, 0.2223

Previews

White Background



This preview shows how the Yxy color 60.1096, 0.3681, 0.3567 looks on a white background.

Color Contrast Check

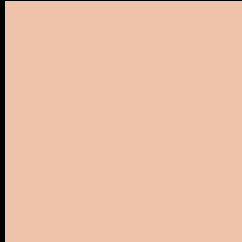
Large Text (above 18pt) WCAG AA × Fail

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 60.1096, 0.3681, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

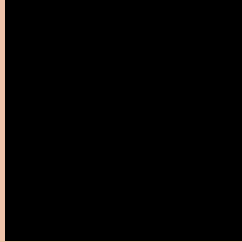
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1096, 0.3681, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 60.1096, 0.3681, 0.3567.



This preview shows how white text looks on a background with the Yxy color 60.1096, 0.3681, 0.3567.

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

60.1096, 0.3681, 0.3567

Protanopia

60.0640, 0.3429, 0.3631

Deuteranopia

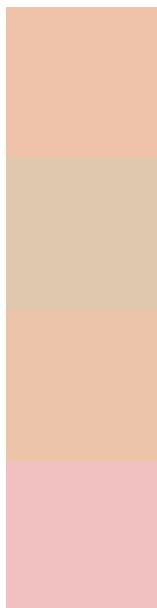
60.0443, 0.3653, 0.3581



Tritanopia

60.1119, 0.3439, 0.3130

Trichromacy



Original Color

60.1096, 0.3681, 0.3567

Protanomaly

60.0137, 0.3518, 0.3601

Deuteranomaly

60.2150, 0.3661, 0.3580

Tritanomaly

60.2058, 0.3534, 0.3291

Monochromacy



Original Color

60.1096, 0.3681, 0.3567

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3308, 0.3320, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1096, 0.3681, 0.3567 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, 195, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 195, 170)  
}
```

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, 195, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 195, 170) }
```

Border

The CSS property to change the border of an element to Yxy 60.1096, 0.3681, 0.3567 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, 195, 170) }
```

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

```
.border{ border-color:rgb(238, 195, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 195, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 195, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 195, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 195,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1096, 0.3681, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 195, 170) }
```

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

```
.background{ background-color: rgb(238,  
195, 170) }
```

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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