

Converting Colors

Yxy(59.9183, 0.3477, 0.3343)

Have a look what the booklet for
Yxy(59.9183, 0.3477, 0.3343)
contains.

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Color

Yxy(60.0716, 0.3477, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	E9C3BE
RGB	233, 195, 190
RGB Percent	91%, 76%, 75%
CMY	0.0862, 0.2353, 0.2548
CMYK	0.00, 0.16, 0.18, 0.09
HSL	7°, 49%, 83%
HSV	7°, 18%, 91%
XYZ	62.4235, 60.0716, 57.0375
YIQ	205.7920, 24.2530, 6.5010

Conversions

Conversions Part 2

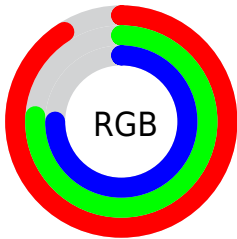
Format	Color
R _Y B	233, 196, 190
Decimal	15319998
CIE Lab	81.88, 12.73, 7.53
CIE LCh	82, 14.792, 30.598
Yxy	60.0716, 0.3477, 0.3346
Android (android.graphics.Color)	4293510078 (0xFFE9C3BE)
YUV	205.7920, -7.7855, 23.8614
Hunter-Lab	77.5059, 8.1292, 10.6219

Details

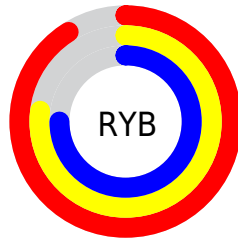
The Yxy color $60.0716, 0.3477, 0.3346$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $72.3616, 0.2847, 0.3233$, and the grayscale version is $61.6249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5346, 0.3181, 0.3348$, and $30.2030, 0.3568, 0.3349$ is the 20% darker color. If you saturate the color by 10%, you get $50.5266, 0.3730, 0.3379$, and if you desaturate by 10%, it is $71.0603, 0.3271, 0.3315$.

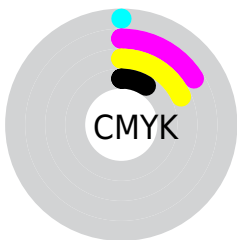
Distribution



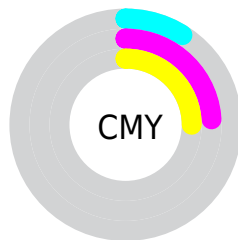
- Red (91%)
- Green (76%)
- Blue (75%)



- Red (91%)
- Yellow (77%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (9%)





- Cyan (9%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0716, 0.3477, 0.3346 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 60.0716, 0.3477, 0.3346 by changing the saturation by 10% instead.


 60.0716, 0.3477,
0.3346

 60.0716, 0.3477,
0.3346


424.8616, 0.3308,
0.3322

 43.4763, 0.3517,
0.3351


 104.9335, 0.3417,
0.3338

 30.2590, 0.3568,
0.3357


133.9690, 0.3394,
0.3335

 20.0353, 0.3634,
0.3365


167.9200, 0.3375,
0.3332

 12.4207, 0.3723,
0.3374

207.1709, 0.3358,
0.3329

 7.0309, 0.3850,
0.3384

252.1061, 0.3343,
0.3327

 3.4814, 0.4043,
0.3396

303.1101, 0.3330,

 1.3879, 0.4376,

0.3325

0.3404

360.5671, 0.3319,
0.3323

0.2078, 0.7098,
0.2902

0.0000, 0.0000,
0.0000

60.0716, 0.3477,
0.3346

60.0716, 0.3477,
0.3346

50.5266, 0.3730,
0.3379

71.0603, 0.3271,
0.3315

42.3575, 0.4037,
0.3411

83.5406, 0.3103,
0.3286

35.5030, 0.4402,
0.3441

96.0687, 0.2994,
0.3290

29.8945, 0.4819,
0.3462

■ 25.4565, 0.5268,
0.3469

■ 22.1058, 0.5702,
0.3456

■ 19.7478, 0.6060,
0.3421

■ 18.2688, 0.6291,
0.3371

■ 18.1071, 0.6319,
0.3365

Harmonies

Analogous

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



60.0716, 0.3357, 0.3185



60.0716, 0.3477, 0.3346



60.0716, 0.3500, 0.3499

Triad

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



60.0716, 0.3477, 0.3346



60.0716, 0.3071, 0.3546



60.0716, 0.2838, 0.2983

Complementary

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



60.0716, 0.3477, 0.3346



72.3616, 0.2847, 0.3233

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.



60.0716, 0.2768, 0.3067



60.0716, 0.3477, 0.3346



60.0716, 0.2899, 0.3395

Square

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



60.0716, 0.3477, 0.3346



60.0716, 0.3261, 0.3622



60.0716, 0.2789, 0.3217



60.0716, 0.2986, 0.2979

Rectangle

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



60.0716, 0.3477, 0.3346



60.0716, 0.3457, 0.3575



60.0716, 0.2789, 0.3217



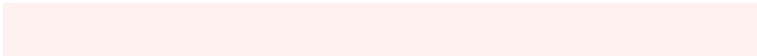
60.0716, 0.2805, 0.3002

Sweetspot

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



60.0743, 0.3477, 0.3346



90.7196, 0.3227, 0.3307



59.8115, 0.3181, 0.2876



19.2102, 0.3239, 0.3309



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.



60.0743, 0.3477, 0.3346



69.2193, 0.3564, 0.3358



70.0729, 0.3436, 0.3571



15.3338, 0.3290, 0.3318



10.3619, 0.6302, 0.3378



0.9060, 0.6104, 0.3535

Inverse Universe

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



72.3616, 0.2847, 0.3233



86.8089, 0.2794, 0.3221



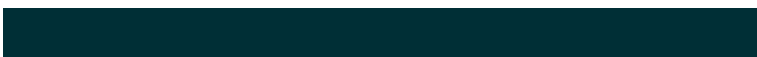
61.5739, 0.2834, 0.2992



16.8079, 0.2981, 0.3262



28.5373, 0.2145, 0.2923



2.3251, 0.2161, 0.2978

Previews

White Background



This preview shows how the Yxy color 60.0716, 0.3477, 0.3346 looks on a white background.

Color Contrast Check

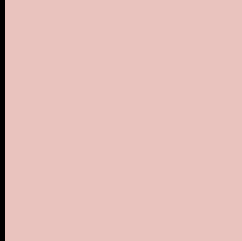
Large Text (above 18pt) WCAG AA × Fail

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 60.0716, 0.3477, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

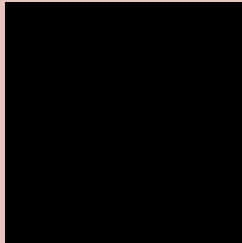
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0716, 0.3477, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 60.0716, 0.3477, 0.3346.



This preview shows how white text looks on a background with the Yxy color 60.0716, 0.3477, 0.3346.

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

60.0716, 0.3477, 0.3346

Protanopia

60.3086, 0.3247, 0.3395

Deuteranopia

60.3082, 0.3440, 0.3369



Tritanopia

59.8664, 0.3363, 0.3127

Trichromacy



Original Color

60.0716, 0.3477, 0.3346

Protanomaly

60.0642, 0.3322, 0.3371

Deuteranomaly

60.0206, 0.3450, 0.3358

Tritanomaly

59.8494, 0.3401, 0.3203

Monochromacy



Original Color

60.0716, 0.3477, 0.3346

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0101, 0.3251, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0716, 0.3477, 0.3346 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(233, 195, 190)` looks like.

```
.text, #text, p{  
    color:rgb(233, 195, 190)  
}
```

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(233, 195, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 195, 190) }
```

Border

The CSS property to change the border of an element to Yxy 60.0716, 0.3477, 0.3346 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(233, 195, 190) }
```

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

```
.border{ border-color:rgb(233, 195, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 195, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 195, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 195, 190);  
box-shadow:4px 4px 4px 4px rgb(233, 195,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0716, 0.3477, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 195, 190) }
```

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

```
.background{ background-color: rgb(233,  
195, 190) }
```

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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