

Converting Colors

$Yxy(60.6096, 0.3394, 0.3264)$

Have a look what the booklet for
Yxy(60.6096, 0.3394, 0.3264)
contains.

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Color

Yxy(60.5460, 0.3395, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E7C4C6
RGB	231, 196, 198
RGB Percent	91%, 77%, 78%
CMY	0.0942, 0.2313, 0.2236
CMYK	0.00, 0.15, 0.14, 0.09
HSL	357°, 42%, 84%
HSV	357°, 15%, 91%
XYZ	62.8797, 60.5460, 61.7869
YIQ	206.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

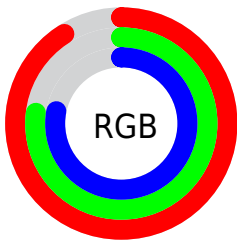
Format	Color
R _Y B	231, 196, 198
Decimal	15189190
CIE Lab	82.13, 12.68, 3.62
CIE LCh	82, 13.187, 15.916
Yxy	60.5460, 0.3395, 0.3269
Android (android.graphics.Color)	4293379270 (0xFFE7C4C6)
YUV	206.6930, -4.2856, 21.3172
Hunter-Lab	77.8113, 8.0769, 7.3880

Details

The Yxy color **60.5460, 0.3395, 0.3269** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.5328, 0.2909, 0.3311**, and the grayscale version is **62.2068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.4736, 0.3467, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **49.9829, 0.3628, 0.3254**, and if you desaturate by 10%, it is **72.8633, 0.3208, 0.3283**.

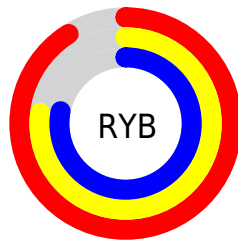
Distribution



Red (91%)

Green (77%)

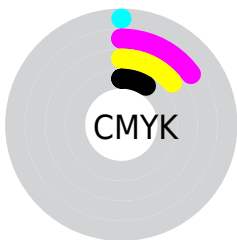
Blue (78%)



Red (91%)

Yellow (77%)

Blue (78%)

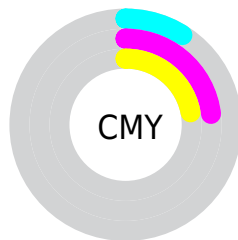


Cyan (0%)

Magenta (15%)

Yellow (14%)

Black (9%)



Cyan (9%)


Magenta (23%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5460, 0.3395, 0.3269 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 60.5460, 0.3395, 0.3269 by changing the saturation by 10% instead.


 60.5460, 0.3395,
0.3269

 60.5460, 0.3395,
0.3269


426.6074, 0.3266,
0.3280

 43.8589, 0.3426,
0.3266


 105.6213, 0.3349,
0.3273

 30.5596, 0.3464,
0.3262

134.7783, 0.3332,
0.3275

 20.2637, 0.3514,
0.3257


168.8606, 0.3317,
0.3276

 12.5869, 0.3582,
0.3250

208.2528, 0.3304,
0.3277

 7.1447, 0.3677,
0.3238

253.3392, 0.3293,
0.3278

 3.5528, 0.3824,
0.3219

304.5041, 0.3283,

 1.4267, 0.4074,

0.3279

0.3181

362.1321, 0.3274,
0.3280

0.2363, 0.6894,
0.3049

0.0000, 0.0000,
0.0000

60.5460, 0.3395,
0.3269

60.5460, 0.3395,
0.3269

49.9829, 0.3628,
0.3254

72.8633, 0.3208,
0.3283

41.0866, 0.3918,
0.3240

87.0009, 0.3059,
0.3296

33.7745, 0.4271,
0.3226

95.7245, 0.2981,
0.3290

27.9534, 0.4686,
0.3217

■ 23.5209, 0.5146,
0.3214

■ 20.3613, 0.5608,
0.3221

■ 18.3404, 0.6007,
0.3239

■ 17.2936, 0.6275,
0.3266

■ 17.0135, 0.6355,
0.3275

Harmonies

Analogous

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



60.5460, 0.3257, 0.3134



60.5460, 0.3395, 0.3269



60.5460, 0.3460, 0.3413

Triad

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



60.5460, 0.3395, 0.3269



60.5460, 0.3161, 0.3560



60.5460, 0.2829, 0.3045

Complementary

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



60.5460, 0.3395, 0.3269



74.5328, 0.2909, 0.3311

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.



60.5460, 0.2806, 0.3152



60.5460, 0.3395, 0.3269



60.5460, 0.2994, 0.3454

Square

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



60.5460, 0.3395, 0.3269



60.5460, 0.3322, 0.3587



60.5460, 0.2865, 0.3303



60.5460, 0.2930, 0.3005

Rectangle

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



60.5460, 0.3395, 0.3269



60.5460, 0.3452, 0.3497



60.5460, 0.2865, 0.3303



60.5460, 0.2812, 0.3074

Sweetspot

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



60.5487, 0.3395, 0.3269



91.3822, 0.3206, 0.3283



61.8552, 0.3127, 0.2914



19.3103, 0.3218, 0.3282



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.



60.5487, 0.3395, 0.3269



71.6473, 0.3459, 0.3265



67.6415, 0.3385, 0.3457



14.3811, 0.3284, 0.3277



9.5462, 0.6339, 0.3266



0.7101, 0.6171, 0.3173

Inverse Universe

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



60.5487, 0.3395, 0.3269



71.6473, 0.3459, 0.3265



66.5288, 0.2891, 0.3118



14.3811, 0.3284, 0.3277



9.5462, 0.6339, 0.3266



0.7101, 0.6171, 0.3173

Previews

White Background



This preview shows how the Yxy color 60.5460, 0.3395, 0.3269 looks on a white background.

Color Contrast Check

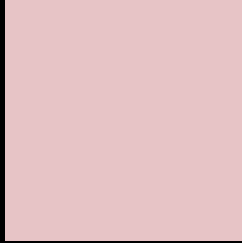
Large Text (above 18pt) WCAG AA × Fail

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 60.5460, 0.3395, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

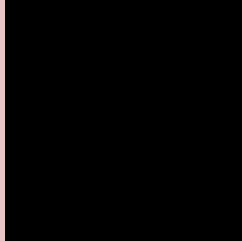
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5460, 0.3395, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 60.5460, 0.3395, 0.3269.



This preview shows how white text looks on a background with the Yxy color 60.5460, 0.3395, 0.3269.

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

60.5460, 0.3395, 0.3269

Protanopia

61.0053, 0.3180, 0.3313

Deuteranopia

60.7963, 0.3359, 0.3291



Tritanopia

60.3428, 0.3320, 0.3126

Trichromacy



Original Color

60.5460, 0.3395, 0.3269

Protanomaly

60.7420, 0.3253, 0.3290

Deuteranomaly

60.5037, 0.3369, 0.3280

Tritanomaly

60.5938, 0.3350, 0.3181

Monochromacy



Original Color

60.5460, 0.3395, 0.3269

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6704, 0.3221, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5460, 0.3395, 0.3269 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(231, 196, 198)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 198)  
}
```

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(231, 196, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 198) }
```

Border

The CSS property to change the border of an element to Yxy 60.5460, 0.3395, 0.3269 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(231, 196, 198) }
```

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

```
.border{ border-color:rgb(231, 196, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 198);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5460, 0.3395, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 198) }
```

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

```
.background{ background-color: rgb(231,  
196, 198) }
```

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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