

Converting Colors

$Yxy(60.6248, 0.3326, 0.3196)$

Have a look what the booklet for
Yxy(60.6248, 0.3326, 0.3196)
contains.

Yxy(60.5456, 0.3324, 0.3191)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.5456, 0.3324, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	E5C4CD
RGB	229, 196, 205
RGB Percent	90%, 77%, 80%
CMY	0.1020, 0.2313, 0.1960
CMYK	0.00, 0.14, 0.10, 0.10
HSL	344°, 39%, 83%
HSV	344°, 14%, 90%
XYZ	63.0691, 60.5456, 66.1239
YIQ	206.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

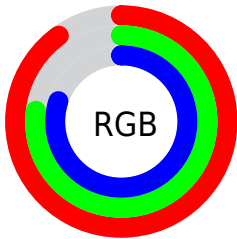
Format	Color
R _Y B	229, 196, 205
Decimal	15058125
CIE Lab	82.13, 13.12, -0.17
CIE LCh	82, 13.120, 359.253
Yxy	60.5456, 0.3324, 0.3191
Android (android.graphics.Color)	4293248205 (0xFFE5C4CD)
YUV	206.8930, -0.9332, 19.3878
Hunter-Lab	77.8111, 8.5124, 4.0830

Details

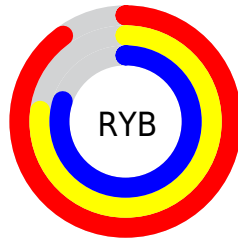
The Yxy color **60.5456, 0.3324, 0.3191** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.9338, 0.2962, 0.3391**, and the grayscale version is **62.3232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.4646, 0.3370, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **50.2319, 0.3500, 0.3118**, and if you desaturate by 10%, it is **72.5267, 0.3181, 0.3261**.

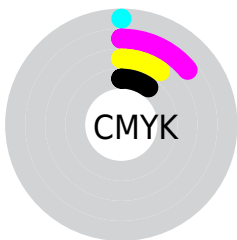
Distribution



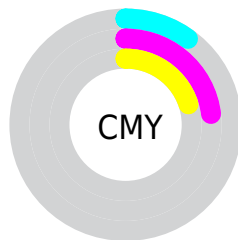
- Red (90%)
- Green (77%)
- Blue (80%)



- Red (90%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5456, 0.3324, 0.3191 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 60.5456, 0.3324, 0.3191 by changing the saturation by 10% instead.


 60.5456, 0.3324,
0.3191

 60.5456, 0.3324,
0.3191


426.6059, 0.3230,
0.3238

 43.8586, 0.3346,
0.3180


 105.6207, 0.3291,
0.3208

 30.5593, 0.3374,
0.3166


134.7776, 0.3278,
0.3214

 20.2635, 0.3411,
0.3147


168.8599, 0.3267,
0.3220

 12.5867, 0.3459,
0.3123

208.2519, 0.3258,
0.3224

 7.1446, 0.3528,
0.3088

253.3381, 0.3249,
0.3229

 3.5527, 0.3633,
0.3036


304.5030, 0.3242,

 1.4266, 0.3811,

0.3232

0.2946


362.1308, 0.3236,
0.3236


 0.2362, 0.5188,
0.2249

 0.0000, 0.0000,
0.0000


 60.5456, 0.3324,
0.3191


 60.5456, 0.3324,
0.3191


 50.2319, 0.3500,
0.3118


 72.5267, 0.3181,
0.3261


 41.5037, 0.3715,
0.3043

 86.2365, 0.3065,
0.3326

 34.2842, 0.3975,
0.2971

 95.3928, 0.2970,
0.3290

 28.4870, 0.4282,
0.2910

 95.3955, 0.2970,
0.3290

■ 24.0167, 0.4633,
0.2868

■ 20.7665, 0.5011,
0.2858

■ 18.6125, 0.5388,
0.2889

■ 17.4041, 0.5726,
0.2965

■ 17.0085, 0.5889,
0.3018

Harmonies

Analogous

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



60.5456, 0.3163, 0.3075



60.5456, 0.3324, 0.3191



60.5456, 0.3433, 0.3334

Triad

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



60.5456, 0.3324, 0.3191



60.5456, 0.3254, 0.3584



60.5456, 0.2807, 0.3099

Complementary

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



60.5456, 0.3324, 0.3191



72.9338, 0.2962, 0.3391

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.



60.5456, 0.2830, 0.3233



60.5456, 0.3324, 0.3191



60.5456, 0.3085, 0.3520

Square

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



60.5456, 0.3324, 0.3191



60.5456, 0.3391, 0.3563



60.5456, 0.2931, 0.3390



60.5456, 0.2867, 0.3020

Rectangle

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



60.5456, 0.3324, 0.3191



60.5456, 0.3460, 0.3428



60.5456, 0.2931, 0.3390



60.5456, 0.2806, 0.3139

Sweetspot

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



60.5483, 0.3324, 0.3191



93.1953, 0.3176, 0.3263



60.3008, 0.3072, 0.2927



19.6823, 0.3186, 0.3258



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.



60.5483, 0.3324, 0.3191



73.5257, 0.3368, 0.3171



63.4266, 0.3383, 0.3370



14.4323, 0.3250, 0.3226



9.7435, 0.5850, 0.2996



0.7353, 0.5433, 0.2767

Inverse Universe

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



60.5483, 0.3324, 0.3191



73.5257, 0.3368, 0.3171



69.5511, 0.2906, 0.3209



14.4323, 0.3250, 0.3226



9.7435, 0.5850, 0.2996



0.7353, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 60.5456, 0.3324, 0.3191 looks on a white background.

Color Contrast Check

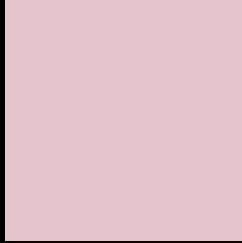
Large Text (above 18pt) WCAG AA × Fail

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 60.5456, 0.3324, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

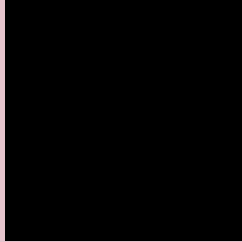
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5456, 0.3324, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 60.5456, 0.3324, 0.3191.



This preview shows how white text looks on a background with the Yxy color 60.5456, 0.3324, 0.3191.

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

60.5456, 0.3324, 0.3191

Protanopia

60.5807, 0.3115, 0.3221

Deuteranopia

60.6432, 0.3282, 0.3212



Tritanopia

60.5064, 0.3295, 0.3126

Trichromacy



Original Color

60.5456, 0.3324, 0.3191

Protanomaly

60.3097, 0.3186, 0.3199

Deuteranomaly

60.5090, 0.3299, 0.3201

Tritanomaly

60.4073, 0.3310, 0.3147

Monochromacy



Original Color

60.5456, 0.3324, 0.3191

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.6152, 0.3198, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5456, 0.3324, 0.3191 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(229, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(229, 196, 205)  
}
```

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(229, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 196, 205) }
```

Border

The CSS property to change the border of an element to Yxy 60.5456, 0.3324, 0.3191 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(229, 196, 205) }
```

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

```
.border{ border-color:rgb(229, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(229, 196,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5456, 0.3324, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 196, 205) }
```

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

```
.background{ background-color: rgb(229,  
196, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor