

Converting Colors

Yxy(61.5035, 0.3350, 0.3196)

Have a look what the booklet for
Yxy(61.5035, 0.3350, 0.3196)
contains.

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Color

Yxy(61.6639, 0.3355, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	E9C5CD
RGB	233, 197, 205
RGB Percent	91%, 77%, 80%
CMY	0.0863, 0.2274, 0.1960
CMYK	0.00, 0.15, 0.12, 0.09
HSL	347°, 45%, 84%
HSV	347°, 15%, 91%
XYZ	64.5902, 61.6639, 66.2651
YIQ	208.6760, 18.8880, 10.1200

Conversions

Conversions Part 2

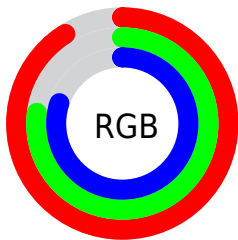
Format	Color
R _Y B	233, 197, 205
Decimal	15320525
CIE Lab	82.73, 14.01, 0.74
CIE LCh	83, 14.029, 3.040
Yxy	61.6639, 0.3355, 0.3203
Android (android.graphics.Color)	4293510605 (0xFFE9C5CD)
YUV	208.6760, -1.8123, 21.3321
Hunter-Lab	78.5264, 9.4002, 4.9361

Details

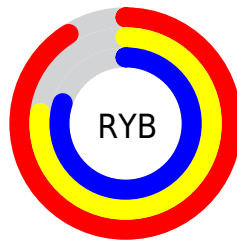
The Yxy color **61.6639, 0.3355, 0.3203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.5821, 0.2940, 0.3379**, and the grayscale version is **63.5431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **31.2264, 0.3412, 0.3177** is the 20% darker color. If you saturate the color by 10%, you get **51.0653, 0.3548, 0.3143**, and if you desaturate by 10%, it is **74.0045, 0.3199, 0.3260**.

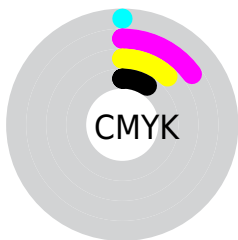
Distribution



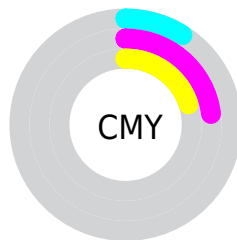
- Red (91%)
- Green (77%)
- Blue (80%)



- Red (91%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6639, 0.3355, 0.3203 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 61.6639, 0.3355, 0.3203 by changing the saturation by 10% instead.

 61.6639, 0.3355,
0.3203

 61.6639, 0.3355,
0.3203


430.7041, 0.3246,
0.3245

 44.7612, 0.3381,
0.3193

107.2396, 0.3317,
0.3218

 31.2694, 0.3413,
0.3181


136.6814, 0.3302,
0.3224

 20.8040, 0.3455,
0.3164


171.0717, 0.3289,
0.3228

 12.9808, 0.3511,
0.3143

210.7948, 0.3278,
0.3233

 7.4154, 0.3590,
0.3112

256.2352, 0.3269,
0.3236

 3.7232, 0.3709,
0.3064

307.7773, 0.3260,

 1.5200, 0.3911,

0.3239

0.2984

365.8055, 0.3253,
0.3242

0.3027, 0.5204,
0.2502

0.0000, 0.0000,
0.0000

61.6639, 0.3355,
0.3203

61.6639, 0.3355,
0.3203

51.0653, 0.3548,
0.3143

74.0045, 0.3199,
0.3260

42.1223, 0.3784,
0.3082

88.1523, 0.3073,
0.3314

34.7532, 0.4070,
0.3025

96.0630, 0.2993,
0.3290

28.8662, 0.4408,
0.2977

■ 24.3601, 0.4791,
0.2949

■ 21.1205, 0.5197,
0.2950

■ 19.0150, 0.5589,
0.2989

■ 17.8808, 0.5920,
0.3065

■ 17.5696, 0.6045,
0.3104

Harmonies

Analogous

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



61.6639, 0.3188, 0.3075



61.6639, 0.3355, 0.3203



61.6639, 0.3461, 0.3356

Triad

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



61.6639, 0.3355, 0.3203



61.6639, 0.3240, 0.3599



61.6639, 0.2791, 0.3072

Complementary

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



61.6639, 0.3355, 0.3203



75.5821, 0.2940, 0.3379

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.



61.6639, 0.2804, 0.3209



61.6639, 0.3355, 0.3203



61.6639, 0.3060, 0.3521

Square

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



61.6639, 0.3355, 0.3203



61.6639, 0.3392, 0.3588



61.6639, 0.2901, 0.3375



61.6639, 0.2864, 0.2998

Rectangle

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



61.6639, 0.3355, 0.3203



61.6639, 0.3481, 0.3453



61.6639, 0.2901, 0.3375



61.6639, 0.2785, 0.3112

Sweetspot

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



61.6666, 0.3355, 0.3203



91.5111, 0.3193, 0.3263



61.7611, 0.3081, 0.2901



19.3415, 0.3203, 0.3259



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.



61.6666, 0.3355, 0.3203



70.6950, 0.3421, 0.3181



65.7880, 0.3401, 0.3396



15.1089, 0.3258, 0.3238



9.9850, 0.6009, 0.3084



0.7982, 0.5626, 0.2873

Inverse Universe

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



61.6666, 0.3355, 0.3203



70.6950, 0.3421, 0.3181



70.7426, 0.2889, 0.3182



15.1089, 0.3258, 0.3238



9.9850, 0.6009, 0.3084



0.7982, 0.5626, 0.2873

Previews

White Background



This preview shows how the Yxy color 61.6639, 0.3355, 0.3203 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 61.6639, 0.3355, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

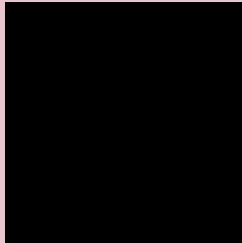
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6639, 0.3355, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 61.6639, 0.3355, 0.3203.



This preview shows how white text looks on a background with the Yxy color 61.6639, 0.3355, 0.3203.

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

61.6639, 0.3355, 0.3203

Protanopia

61.8711, 0.3122, 0.3233

Deuteranopia

61.4234, 0.3296, 0.3224



Tritanopia

61.6754, 0.3318, 0.3128

Trichromacy



Original Color

61.6639, 0.3355, 0.3203

Protanomaly

61.7006, 0.3208, 0.3223

Deuteranomaly

61.4540, 0.3322, 0.3213

Tritanomaly

61.5757, 0.3334, 0.3149

Monochromacy



Original Color

61.6639, 0.3355, 0.3203

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.1221, 0.3205, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6639, 0.3355, 0.3203 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, 197, 205)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 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(233, 197, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 205) }
```

Border

The CSS property to change the border of an element to Yxy 61.6639, 0.3355, 0.3203 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, 197, 205) }
```

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

```
.border{ border-color:rgb(233, 197, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 197, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6639, 0.3355, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 205) }
```

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

```
.background{ background-color: rgb(233,  
197, 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](#).

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