

Converting Colors

Yxy(60.8451, 0.3288, 0.3153)

Have a look what the booklet for
Yxy(60.8451, 0.3288, 0.3153)
contains.

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Color

Yxy(60.5773, 0.3285, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	E4C4D1
RGB	228, 196, 209
RGB Percent	89%, 77%, 82%
CMY	0.1060, 0.2313, 0.1804
CMYK	0.00, 0.14, 0.08, 0.11
HSL	336°, 37%, 83%
HSV	336°, 14%, 89%
XYZ	63.2337, 60.5773, 68.6812
YIQ	207.0500, 14.8990, 10.8270

Conversions

Conversions Part 2

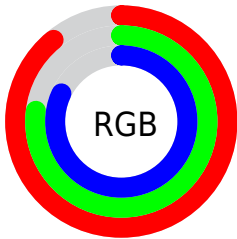
Format	Color
R _Y B	228, 196, 209
Decimal	14992593
CIE Lab	82.15, 13.42, -2.30
CIE LCh	82, 13.620, 350.289
Yxy	60.5773, 0.3285, 0.3147
Android (android.graphics.Color)	4293182673 (0xFFE4C4D1)
YUV	207.0500, 0.9614, 18.3732
Hunter-Lab	77.8314, 8.8163, 2.1624

Details

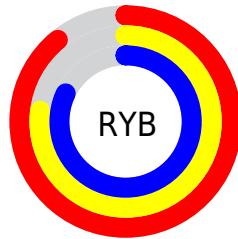
The Yxy color **60.5773, 0.3285, 0.3147** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.1084, 0.2992, 0.3438**, and the grayscale version is **62.4164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.4832, 0.3318, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **50.4221, 0.3427, 0.3039**, and if you desaturate by 10%, it is **72.3572, 0.3168, 0.3250**.

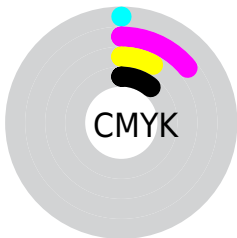
Distribution



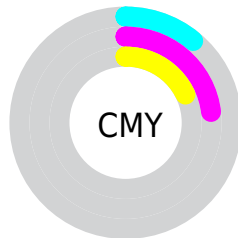
- Red (89%)
- Green (77%)
- Blue (82%)



- Red (89%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5773, 0.3285, 0.3147 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 60.5773, 0.3285, 0.3147 by changing the saturation by 10% instead.

60.5773, 0.3285,
0.3147

60.5773, 0.3285,
0.3147

426.7224, 0.3210,
0.3215

43.8841, 0.3303,
0.3131

105.6667, 0.3258,
0.3171

30.5794, 0.3325,
0.3111

134.8316, 0.3248,
0.3180

20.2788, 0.3354,
0.3086

168.9227, 0.3240,
0.3188

12.5979, 0.3392,
0.3052

208.3241, 0.3232,
0.3195

7.1522, 0.3446,
0.3004

253.4205, 0.3225,
0.3201

3.5575, 0.3527,
0.2933


304.5960, 0.3220,

1.4292, 0.3665,

0.3206


0.2815


362.2352, 0.3214,
0.3211

 0.2381, 0.4571,
0.1965


 0.0000, 0.0000,
0.0000


 60.5773, 0.3285,
0.3147

 60.5773, 0.3285,
0.3147


 50.4221, 0.3427,
0.3039


 72.3572, 0.3168,
0.3250


 41.8119, 0.3599,
0.2928

 85.8210, 0.3072,
0.3347

 34.6724, 0.3805,
0.2821

 94.8841, 0.2993,
0.3344

 28.9197, 0.4045,
0.2725

 95.2274, 0.2964,
0.3290

■ 24.4615, 0.4318,
0.2652

■ 21.1941, 0.4616,
0.2613

■ 18.9978, 0.4924,
0.2622

■ 17.7269, 0.5219,
0.2684

■ 17.2714, 0.5385,
0.2740

Harmonies

Analogous

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



60.5773, 0.3110, 0.3041



60.5773, 0.3285, 0.3147



60.5773, 0.3419, 0.3290

Triad

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



60.5773, 0.3285, 0.3147



60.5773, 0.3306, 0.3598



60.5773, 0.2793, 0.3128

Complementary

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



60.5773, 0.3285, 0.3147



72.1084, 0.2992, 0.3438

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.



60.5773, 0.2843, 0.3279



60.5773, 0.3285, 0.3147



60.5773, 0.3136, 0.3558

Square

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



60.5773, 0.3285, 0.3147



60.5773, 0.3431, 0.3551



60.5773, 0.2967, 0.3439



60.5773, 0.2830, 0.3027

Rectangle

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



60.5773, 0.3285, 0.3147



60.5773, 0.3465, 0.3390



60.5773, 0.2967, 0.3439



60.5773, 0.2801, 0.3175

Sweetspot

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



60.5800, 0.3285, 0.3147



93.2800, 0.3168, 0.3250



59.4827, 0.3041, 0.2934



19.7037, 0.3176, 0.3243



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.



60.5800, 0.3285, 0.3147



73.8443, 0.3326, 0.3114



61.1745, 0.3381, 0.3320



14.4646, 0.3229, 0.3195



9.9993, 0.5346, 0.2719



0.7569, 0.4963, 0.2508

Inverse Universe

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



60.5800, 0.3285, 0.3147



73.8443, 0.3326, 0.3114



71.3495, 0.2913, 0.3259



14.4646, 0.3229, 0.3195



9.9993, 0.5346, 0.2719



0.7569, 0.4963, 0.2508

Previews

White Background



This preview shows how the Yxy color 60.5773, 0.3285, 0.3147 looks on a white background.

Color Contrast Check

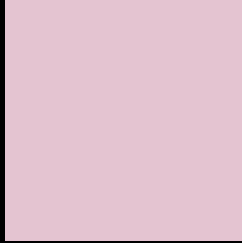
Large Text (above 18pt) WCAG AA × Fail

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 60.5773, 0.3285, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

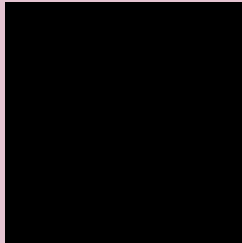
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5773, 0.3285, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 60.5773, 0.3285, 0.3147.



This preview shows how white text looks on a background with the Yxy color 60.5773, 0.3285, 0.3147.

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

60.5773, 0.3285, 0.3147

Protanopia

60.6378, 0.3079, 0.3175

Deuteranopia

60.5212, 0.3235, 0.3167



Tritanopia

60.6770, 0.3270, 0.3125

Trichromacy



Original Color

60.5773, 0.3285, 0.3147

Protanomaly

60.3582, 0.3149, 0.3154

Deuteranomaly

60.3832, 0.3252, 0.3157

Tritanomaly

60.6270, 0.3278, 0.3136

Monochromacy



Original Color

60.5773, 0.3285, 0.3147

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7130, 0.3184, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5773, 0.3285, 0.3147 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(228, 196, 209)` looks like.

```
.text, #text, p{  
    color:rgb(228, 196, 209)  
}
```

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(228, 196, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 196, 209) }
```

Border

The CSS property to change the border of an element to Yxy 60.5773, 0.3285, 0.3147 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(228, 196, 209) }
```

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

```
.border{ border-color:rgb(228, 196, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 196, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 196, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 196, 209);  
box-shadow:4px 4px 4px 4px rgb(228, 196,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5773, 0.3285, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 196, 209) }
```

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

```
.background{ background-color: rgb(228,  
196, 209) }
```

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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