

Converting Colors

Yxy(60.5248, 0.3180, 0.3009)

Have a look what the booklet for
Yxy(60.5248, 0.3180, 0.3009)
contains.

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Color

Yxy(60.4194, 0.3180, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	E2C3DD
RGB	226, 195, 221
RGB Percent	89%, 76%, 87%
CMY	0.1136, 0.2353, 0.1333
CMYK	0.00, 0.14, 0.02, 0.11
HSL	310°, 35%, 83%
HSV	310°, 14%, 89%
XYZ	63.9380, 60.4194, 76.7055
YIQ	207.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

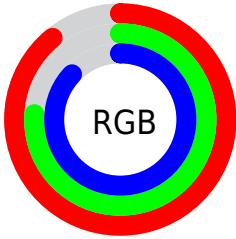
Format	Color
R _Y B	226, 195, 221
Decimal	14861277
CIE Lab	82.07, 15.41, -8.88
CIE LCh	82, 17.783, 330.043
Yxy	60.4194, 0.3180, 0.3005
Android (android.graphics.Color)	4293051357 (0xFFE2C3DD)
YUV	207.2330, 6.7871, 16.4587
Hunter-Lab	77.7299, 10.8007, -4.0977

Details

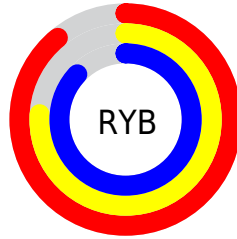
The Yxy color **60.4194, 0.3180, 0.3005** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.1811, 0.3078, 0.3593**, and the grayscale version is **62.5089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **30.4609, 0.3197, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **50.8559, 0.3225, 0.2791**, and if you desaturate by 10%, it is **71.5255, 0.3141, 0.3214**.

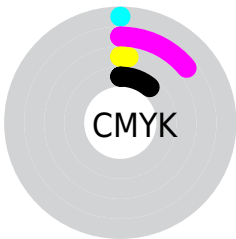
Distribution



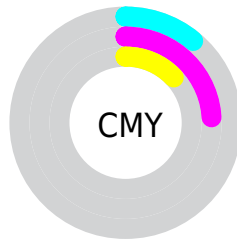
- Red (89%)
- Green (76%)
- Blue (87%)



- Red (89%)
- Yellow (76%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (11%)





- Cyan (11%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4194, 0.3180, 0.3005 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 60.4194, 0.3180, 0.3005 by changing the saturation by 10% instead.

 60.4194, 0.3180,
0.3005

 60.4194, 0.3180,
0.3005

426.1419, 0.3156,
0.3138

 43.7568, 0.3185,
0.2974


 105.4378, 0.3172,
0.3052

 30.4793, 0.3192,
0.2936


134.5624, 0.3169,
0.3070

 20.2027, 0.3200,
0.2887


168.6098, 0.3166,
0.3085

 12.5425, 0.3210,
0.2823

207.9643, 0.3163,
0.3098

 7.1143, 0.3224,
0.2735

253.0104, 0.3161,
0.3110

 3.5337, 0.3242,
0.2606

304.1324, 0.3159,

 1.4163, 0.3268,

0.3121

0.2400

361.7148, 0.3158,
0.3130

0.2287, 0.3508,
0.1352

0.0000, 0.0000,
0.0000

60.4194, 0.3180,
0.3005

60.4194, 0.3180,
0.3005

50.8559, 0.3225,
0.2791

71.5255, 0.3141,
0.3214

42.7583, 0.3276,
0.2577

84.2308, 0.3106,
0.3414

36.0555, 0.3331,
0.2372

93.5185, 0.3080,
0.3525

30.6669, 0.3391,
0.2186

93.7284, 0.3059,
0.3487

■ 26.5041, 0.3453,
0.2028

■ 93.9427, 0.3039,
0.3449

■ 23.4674, 0.3516,
0.1907

■ 94.1613, 0.3018,
0.3412

■ 21.4419, 0.3578,
0.1830

■ 94.3843, 0.2998,
0.3374

■ 20.2877, 0.3637,
0.1799

■ 94.6117, 0.2978,
0.3337

■ 19.8684, 0.3672,
0.1797

■ 94.8436, 0.2958,
0.3300

Harmonies

Analogous

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



60.4194, 0.2953, 0.2919



60.4194, 0.3180, 0.3005



60.4194, 0.3399, 0.3160

Triad

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



60.4194, 0.3180, 0.3005



60.4194, 0.3481, 0.3662



60.4194, 0.2725, 0.3205

Complementary

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



60.4194, 0.3180, 0.3005



70.1811, 0.3078, 0.3593

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.



60.4194, 0.2857, 0.3419



60.4194, 0.3180, 0.3005



60.4194, 0.3291, 0.3691

Square

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



60.4194, 0.3180, 0.3005



60.4194, 0.3576, 0.3535



60.4194, 0.3063, 0.3602



60.4194, 0.2697, 0.3025

Rectangle

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



60.4194, 0.3180, 0.3005



60.4194, 0.3509, 0.3286



60.4194, 0.3063, 0.3602



60.4194, 0.2758, 0.3275

Sweetspot

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



60.4220, 0.3180, 0.3005



93.5581, 0.3142, 0.3208



56.7511, 0.2942, 0.2931



19.7742, 0.3144, 0.3193



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.



60.4220, 0.3180, 0.3005



76.2567, 0.3190, 0.2954



59.6503, 0.3295, 0.3169



13.8956, 0.3162, 0.3096



11.3464, 0.3664, 0.1792



0.7968, 0.3582, 0.1747

Inverse Universe

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



60.4220, 0.3180, 0.3005



76.2567, 0.3190, 0.2954



70.9253, 0.2984, 0.3414



13.8956, 0.3162, 0.3096



11.3464, 0.3664, 0.1792



0.7968, 0.3582, 0.1747

Previews

White Background



This preview shows how the Yxy color 60.4194, 0.3180, 0.3005 looks on a white background.

Color Contrast Check

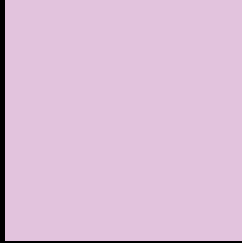
Large Text (above 18pt) WCAG AA × Fail

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 60.4194, 0.3180, 0.3005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

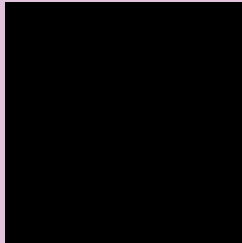
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4194, 0.3180, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 60.4194, 0.3180, 0.3005.



This preview shows how white text looks on a background with the Yxy color 60.4194, 0.3180, 0.3005.

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

60.4194, 0.3180, 0.3005

Protanopia

60.7594, 0.2961, 0.3027

Deuteranopia

60.3072, 0.3115, 0.3044



Tritanopia

60.6935, 0.3238, 0.3124

Trichromacy



Original Color

60.4194, 0.3180, 0.3005

Protanomaly

60.5393, 0.3041, 0.3019

Deuteranomaly

60.3155, 0.3139, 0.3034

Tritanomaly

60.3937, 0.3216, 0.3080

Monochromacy



Original Color

60.4194, 0.3180, 0.3005

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.7615, 0.3147, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4194, 0.3180, 0.3005 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(226, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(226, 195, 221)  
}
```

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(226, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 195, 221) }
```

Border

The CSS property to change the border of an element to Yxy 60.4194, 0.3180, 0.3005 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(226, 195, 221) }
```

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

```
.border{ border-color:rgb(226, 195, 221) }
```

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

Here you see how a box with a 4 pixel rgb(226, 195, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(226, 195,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4194, 0.3180, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 195, 221) }
```

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

```
.background{ background-color: rgb(226,  
195, 221) }
```

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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