

Converting Colors

Yxy(55.3713, 0.3196, 0.3039)

Have a look what the booklet for
Yxy(55.3713, 0.3196, 0.3039)
contains.

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Color

Yxy(55.3713, 0.3196, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	D9BCD2
RGB	217, 188, 210
RGB Percent	85%, 74%, 82%
CMY	0.1490, 0.2627, 0.1764
CMYK	0.00, 0.13, 0.03, 0.15
HSL	314°, 28%, 79%
HSV	314°, 13%, 85%
XYZ	58.2319, 55.3713, 68.5992
YIQ	199.1790, 10.2220, 12.9900

Conversions

Conversions Part 2

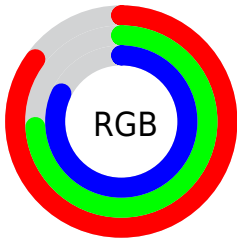
Format	Color
R _Y B	217, 188, 210
Decimal	14269650
CIE Lab	79.25, 14.08, -7.22
CIE LCh	79, 15.826, 332.847
Yxy	55.3713, 0.3196, 0.3039
Android (android.graphics.Color)	4292459730 (0xFFD9BCD2)
YUV	199.1790, 5.3348, 15.6290
Hunter-Lab	74.4119, 9.4664, -2.5702

Details

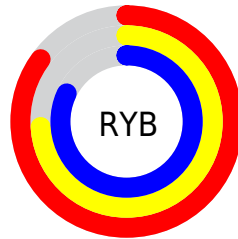
The Yxy color **55.3713, 0.3196, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2564, 0.3065, 0.3555**, and the grayscale version is **57.1921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.4096, 0.3208, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **46.5323, 0.3257, 0.2844**, and if you desaturate by 10%, it is **65.6176, 0.3143, 0.3228**.

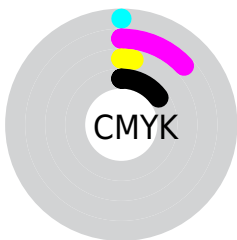
Distribution



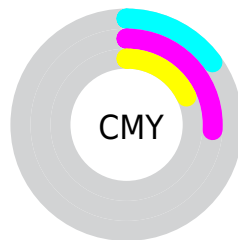
- Red (85%)
- Green (74%)
- Blue (82%)



- Red (85%)
- Yellow (74%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (15%)





- Cyan (15%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3713, 0.3196, 0.3039 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 55.3713, 0.3196, 0.3039 by changing the saturation by 10% instead.


 55.3713, 0.3196,
0.3039

 55.3713, 0.3196,
0.3039


407.3179, 0.3164,
0.3159

 39.6991, 0.3203,
0.3011

 98.0848, 0.3185,
0.3081

 27.3040, 0.3213,
0.2976

125.8948, 0.3180,
0.3097

 17.8017, 0.3225,
0.2930


158.5195, 0.3177,
0.3111

 10.8077, 0.3240,
0.2869

196.3434, 0.3173,
0.3123

 5.9377, 0.3262,
0.2784

239.7507, 0.3171,
0.3134

 2.8072, 0.3293,
0.2656

289.1260, 0.3168,

 1.0319, 0.3344,

0.3143

0.2442

344.8536, 0.3166,
0.3151

0.0000, 0.3900,
0.0000

0.0000, 0.0000,
0.0000

55.3713, 0.3196,
0.3039

55.3713, 0.3196,
0.3039

46.5323, 0.3257,
0.2844

65.6176, 0.3143,
0.3228

39.0312, 0.3328,
0.2648

77.3221, 0.3098,
0.3408

32.8037, 0.3407,
0.2458

90.5422, 0.3060,
0.3577

27.7773, 0.3494,
0.2285

92.0367, 0.3031,
0.3540

■ 23.8720, 0.3588,
0.2137

■ 92.3364, 0.3002,
0.3485

■ 20.9984, 0.3685,
0.2025

■ 92.6451, 0.2973,
0.3430

■ 19.0530, 0.3783,
0.1957

■ 92.9627, 0.2945,
0.3375

■ 17.9108, 0.3878,
0.1937

■ 93.2893, 0.2917,
0.3322

■ 17.4579, 0.3940,
0.1944

■ 93.4914, 0.2900,
0.3289

Harmonies

Analogous

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



55.3713, 0.2986, 0.2953



55.3713, 0.3196, 0.3039



55.3713, 0.3393, 0.3187

Triad

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



55.3713, 0.3196, 0.3039



55.3713, 0.3438, 0.3638



55.3713, 0.2751, 0.3195

Complementary

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



55.3713, 0.3196, 0.3039



64.2564, 0.3065, 0.3555

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.



55.3713, 0.2865, 0.3391



55.3713, 0.3196, 0.3039



55.3713, 0.3259, 0.3653

Square

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



55.3713, 0.3196, 0.3039



55.3713, 0.3534, 0.3529



55.3713, 0.3049, 0.3562



55.3713, 0.2735, 0.3035

Rectangle

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



55.3713, 0.3196, 0.3039



55.3713, 0.3487, 0.3304



55.3713, 0.3049, 0.3562



55.3713, 0.2779, 0.3259

Sweetspot

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



55.3737, 0.3196, 0.3039



93.5066, 0.3146, 0.3216



52.5496, 0.2967, 0.2944



19.7611, 0.3150, 0.3202



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.



55.3737, 0.3196, 0.3039



76.0574, 0.3212, 0.2985



54.6934, 0.3309, 0.3201



13.2184, 0.3174, 0.3114



10.5856, 0.3927, 0.1937



0.6989, 0.3785, 0.1859

Inverse Universe

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



55.3737, 0.3196, 0.3039



76.0574, 0.3212, 0.2985



64.9334, 0.2973, 0.3381



13.2184, 0.3174, 0.3114



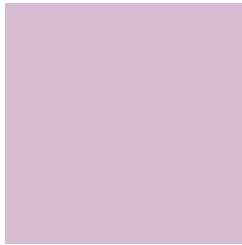
10.5856, 0.3927, 0.1937



0.6989, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 55.3713, 0.3196, 0.3039 looks on a white background.

Color Contrast Check

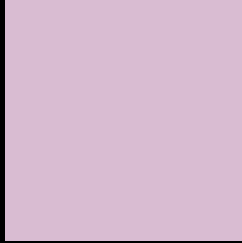
Large Text (above 18pt) WCAG AA × Fail

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 55.3713, 0.3196, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

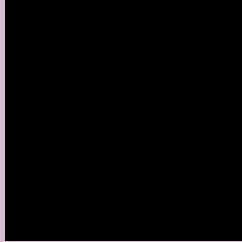
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3713, 0.3196, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 55.3713, 0.3196, 0.3039.



This preview shows how white text looks on a background with the Yxy color 55.3713, 0.3196, 0.3039.

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

55.3713, 0.3196, 0.3039

Protanopia

55.4874, 0.2990, 0.3064

Deuteranopia

55.5667, 0.3145, 0.3081



Tritanopia

55.3538, 0.3234, 0.3118

Trichromacy



Original Color

55.3713, 0.3196, 0.3039

Protanomaly

55.1999, 0.3059, 0.3044

Deuteranomaly

55.5765, 0.3170, 0.3071

Tritanomaly

55.4504, 0.3218, 0.3095

Monochromacy



Original Color

55.3713, 0.3196, 0.3039

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4638, 0.3155, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3713, 0.3196, 0.3039 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(217, 188, 210)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 210)  
}
```

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(217, 188, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.3713, 0.3196, 0.3039 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(217, 188, 210) }
```

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

```
.border{ border-color:rgb(217, 188, 210) }
```

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

Here you see how a box with a 4 pixel rgb(217, 188, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 188, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 188, 210);  
box-shadow:4px 4px 4px 4px rgb(217, 188,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3713, 0.3196, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 210) }
```

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

```
.background{ background-color: rgb(217,  
188, 210) }
```

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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