

Converting Colors

Yxy(56.0619, 0.3206, 0.3113)

Have a look what the booklet for
Yxy(56.0619, 0.3206, 0.3113)
contains.

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Color

Yxy(56.1649, 0.3208, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	D7BFCE
RGB	215, 191, 206
RGB Percent	84%, 75%, 81%
CMY	0.1570, 0.2509, 0.1922
CMYK	0.00, 0.11, 0.04, 0.16
HSL	322°, 23%, 80%
HSV	322°, 11%, 84%
XYZ	57.7861, 56.1649, 66.1802
YIQ	199.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

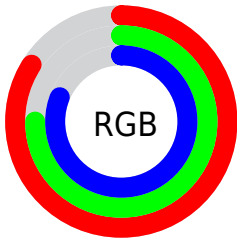
Format	Color
R _Y B	215, 191, 206
Decimal	14139342
CIE Lab	79.71, 11.04, -4.40
CIE LCh	80, 11.889, 338.267
Yxy	56.1649, 0.3208, 0.3118
Android (android.graphics.Color)	4292329422 (0xFFD7BFCE)
YUV	199.8860, 3.0142, 13.2550
Hunter-Lab	74.9432, 6.4843, 0.1030

Details

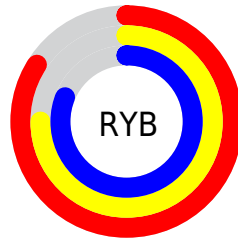
The Yxy color $56.1649, 0.3208, 0.3118$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.8304, 0.3054, 0.3468$, and the grayscale version is $57.6605, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.0015, 0.3131, 0.3214$, and $27.9175, 0.3224, 0.3077$ is the 20% darker color. If you saturate the color by 10%, you get $47.0867, 0.3295, 0.2956$, and if you desaturate by 10%, it is $66.6442, 0.3135, 0.3273$.

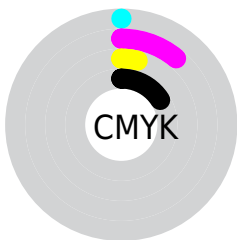
Distribution



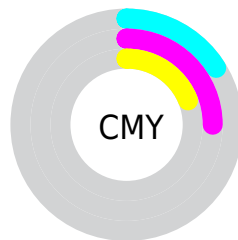
- Red (84%)
- Green (75%)
- Blue (81%)



- Red (84%)
- Yellow (75%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1649, 0.3208, 0.3118 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 56.1649, 0.3208, 0.3118 by changing the saturation by 10% instead.

 56.1649, 0.3208,
0.3118

 56.1649, 0.3208,
0.3118

410.3126, 0.3169,
0.3200

 40.3352, 0.3217,
0.3099

 99.2456, 0.3194,
0.3147

 27.8000, 0.3229,
0.3074


127.2654, 0.3189,
0.3158

 18.1749, 0.3243,
0.3042


160.1173, 0.3185,
0.3168

 11.0756, 0.3263,
0.3000

198.1858, 0.3181,
0.3176

 6.1177, 0.3291,
0.2940

241.8551, 0.3177,
0.3183

 2.9168, 0.3334,
0.2849

291.5098, 0.3174,

 1.0885, 0.3406,

0.3190

0.2695

347.5342, 0.3172,
0.3195

0.0000, 0.4670,
0.0000

0.0000, 0.0000,
0.0000

56.1649, 0.3208,
0.3118

56.1649, 0.3208,
0.3118

47.0867, 0.3295,
0.2956

66.6442, 0.3135,
0.3273

39.3421, 0.3398,
0.2791

78.5734, 0.3073,
0.3419

32.8693, 0.3517,
0.2629

91.6834, 0.3023,
0.3549

27.5985, 0.3652,
0.2478

92.1470, 0.2978,
0.3464

■ 23.4531, 0.3804,
0.2347

■ 92.6318, 0.2935,
0.3379

■ 20.3479, 0.3967,
0.2249

■ 93.1381, 0.2892,
0.3296

■ 18.1851, 0.4136,
0.2195

■ 93.1814, 0.2888,
0.3289

■ 16.8480, 0.4306,
0.2192

■ 16.1738, 0.4453,
0.2227

Harmonies

Analogous

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



56.1649, 0.3050, 0.3043



56.1649, 0.3208, 0.3118



56.1649, 0.3347, 0.3237

Triad

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



56.1649, 0.3208, 0.3118



56.1649, 0.3340, 0.3558



56.1649, 0.2836, 0.3196

Complementary

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



56.1649, 0.3208, 0.3118



63.8304, 0.3054, 0.3468

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.



56.1649, 0.2910, 0.3339



56.1649, 0.3208, 0.3118



56.1649, 0.3199, 0.3553

Square

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



56.1649, 0.3208, 0.3118



56.1649, 0.3424, 0.3489



56.1649, 0.3042, 0.3472



56.1649, 0.2838, 0.3084

Rectangle

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



56.1649, 0.3208, 0.3118



56.1649, 0.3409, 0.3327



56.1649, 0.3042, 0.3472



56.1649, 0.2853, 0.3242

Sweetspot

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



56.1674, 0.3208, 0.3118



95.0325, 0.3148, 0.3244



54.4263, 0.3020, 0.3007



20.0638, 0.3153, 0.3232



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.



56.1674, 0.3208, 0.3118



79.8684, 0.3224, 0.3086



55.6162, 0.3300, 0.3253



12.5501, 0.3194, 0.3145



9.6988, 0.4429, 0.2214



0.6008, 0.4164, 0.2067

Inverse Universe

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



56.1674, 0.3208, 0.3118



79.8684, 0.3224, 0.3086



64.4025, 0.2978, 0.3327



12.5501, 0.3194, 0.3145



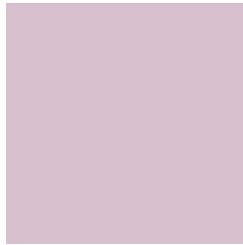
9.6988, 0.4429, 0.2214



0.6008, 0.4164, 0.2067

Previews

White Background



This preview shows how the Yxy color 56.1649, 0.3208, 0.3118 looks on a white background.

Color Contrast Check

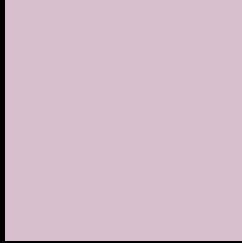
Large Text (above 18pt) WCAG AA × Fail

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 56.1649, 0.3208, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

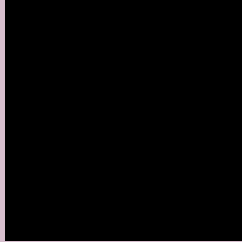
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1649, 0.3208, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 56.1649, 0.3208, 0.3118.



This preview shows how white text looks on a background with the Yxy color 56.1649, 0.3208, 0.3118.

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

56.1649, 0.3208, 0.3118

Protanopia

56.0891, 0.3048, 0.3135

Deuteranopia

56.3016, 0.3191, 0.3128



Tritanopia

56.1649, 0.3208, 0.3118

Trichromacy



Original Color

56.1649, 0.3208, 0.3118

Protanomaly

55.9750, 0.3103, 0.3125

Deuteranomaly

56.4516, 0.3199, 0.3129

Tritanomaly

56.1649, 0.3208, 0.3118

Monochromacy



Original Color

56.1649, 0.3208, 0.3118

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1759, 0.3154, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1649, 0.3208, 0.3118 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(215, 191, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 191, 206)  
}
```

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(215, 191, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 191, 206) }
```

Border

The CSS property to change the border of an element to Yxy 56.1649, 0.3208, 0.3118 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(215, 191, 206) }
```

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

```
.border{ border-color:rgb(215, 191, 206) }
```

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

Here you see how a box with a 4 pixel rgb(215, 191, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 191, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 191, 206);  
box-shadow:4px 4px 4px 4px rgb(215, 191,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1649, 0.3208, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 191, 206) }
```

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

```
.background{ background-color: rgb(215,  
191, 206) }
```

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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