

Converting Colors

Yxy(56.7915, 0.3222, 0.3148)

Have a look what the booklet for
Yxy(56.7915, 0.3222, 0.3148)
contains.

Yxy(56.7060, 0.3223, 0.3141)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.7060, 0.3223, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	D8C0CD
RGB	216, 192, 205
RGB Percent	85%, 75%, 80%
CMY	0.1530, 0.2470, 0.1960
CMYK	0.00, 0.11, 0.05, 0.15
HSL	327°, 24%, 80%
HSV	327°, 11%, 85%
XYZ	58.1864, 56.7060, 65.6425
YIQ	200.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

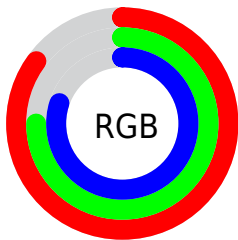
Format	Color
R _Y B	216, 192, 205
Decimal	14205133
CIE Lab	80.01, 10.70, -3.41
CIE LCh	80, 11.230, 342.302
Yxy	56.7060, 0.3223, 0.3141
Android (android.graphics.Color)	4292395213 (0xFFD8C0CD)
YUV	200.6580, 2.1406, 13.4549
Hunter-Lab	75.3034, 6.1447, 1.0289

Details

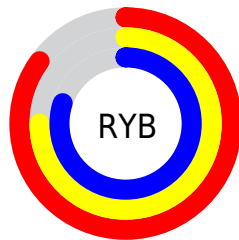
The Yxy color $56.7060, 0.3223, 0.3141$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.6250, 0.3041, 0.3444$, and the grayscale version is $58.1688, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $28.2767, 0.3245, 0.3108$ is the 20% darker color. If you saturate the color by 10%, you get $47.4462, 0.3328, 0.3000$, and if you desaturate by 10%, it is $67.3929, 0.3136, 0.3276$.

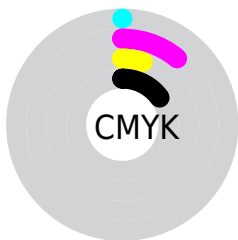
Distribution



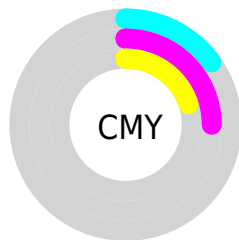
- Red (85%)
- Green (75%)
- Blue (80%)



- Red (85%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7060, 0.3223, 0.3141 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 56.7060, 0.3223, 0.3141 by changing the saturation by 10% instead.


 56.7060, 0.3223,
0.3141

 56.7060, 0.3223,
0.3141

412.3467, 0.3177,
0.3212

 40.7692, 0.3234,
0.3124


 100.0361, 0.3207,
0.3166

 28.1388, 0.3248,
0.3103


128.1982, 0.3201,
0.3176

 18.4303, 0.3265,
0.3075


161.2042, 0.3195,
0.3184

 11.2594, 0.3289,
0.3039

199.4385, 0.3191,
0.3191

 6.2416, 0.3323,
0.2987

243.2855, 0.3187,
0.3198

 2.9925, 0.3375,
0.2908

293.1297, 0.3183,

 1.1278, 0.3464,

0.3203

0.2773

349.3553, 0.3180,
0.3208

0.0015, 0.5206,
0.0031

0.0000, 0.0000,
0.0000

56.7060, 0.3223,
0.3141

56.7060, 0.3223,
0.3141

47.4462, 0.3328,
0.3000

67.3929, 0.3136,
0.3276

39.5450, 0.3452,
0.2855

79.5566, 0.3064,
0.3402

32.9396, 0.3599,
0.2713

92.0967, 0.3004,
0.3501

27.5591, 0.3769,
0.2580

92.6832, 0.2950,
0.3397

■ 23.3259, 0.3960,
0.2467

■ 93.3019, 0.2897,
0.3295

■ 20.1534, 0.4170,
0.2386

■ 93.3373, 0.2894,
0.3289

■ 17.9423, 0.4390,
0.2349

■ 16.5745, 0.4610,
0.2365

■ 15.8843, 0.4801,
0.2418

Harmonies

Analogous

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



56.7060, 0.3074, 0.3063



56.7060, 0.3223, 0.3141



56.7060, 0.3348, 0.3257

Triad

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



56.7060, 0.3223, 0.3141



56.7060, 0.3312, 0.3546



56.7060, 0.2849, 0.3185

Complementary

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



56.7060, 0.3223, 0.3141



64.6250, 0.3041, 0.3444

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.



56.7060, 0.2910, 0.3318



56.7060, 0.3223, 0.3141



56.7060, 0.3175, 0.3531

Square

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



56.7060, 0.3223, 0.3141



56.7060, 0.3400, 0.3490



56.7060, 0.3028, 0.3447



56.7060, 0.2861, 0.3085

Rectangle

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



56.7060, 0.3223, 0.3141



56.7060, 0.3400, 0.3342



56.7060, 0.3028, 0.3447



56.7060, 0.2862, 0.3228

Sweetspot

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



56.7085, 0.3223, 0.3141



94.9923, 0.3151, 0.3250



55.3286, 0.3036, 0.3010



20.0529, 0.3158, 0.3240



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.



56.7085, 0.3223, 0.3141



79.7037, 0.3243, 0.3113



56.1597, 0.3315, 0.3277



12.5323, 0.3207, 0.3164



9.4250, 0.4770, 0.2401



0.5851, 0.4427, 0.2213

Inverse Universe

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



56.7085, 0.3223, 0.3141



79.7037, 0.3243, 0.3113



65.2094, 0.2965, 0.3304



12.5323, 0.3207, 0.3164



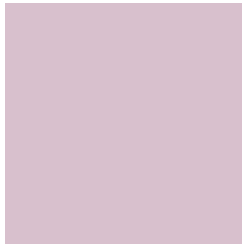
9.4250, 0.4770, 0.2401



0.5851, 0.4427, 0.2213

Previews

White Background



This preview shows how the Yxy color 56.7060, 0.3223, 0.3141 looks on a white background.

Color Contrast Check

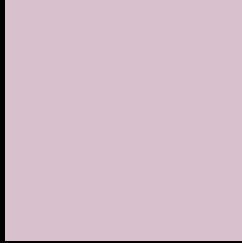
Large Text (above 18pt) WCAG AA × Fail

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 56.7060, 0.3223, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

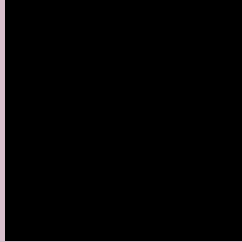
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7060, 0.3223, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 56.7060, 0.3223, 0.3141.



This preview shows how white text looks on a background with the Yxy color 56.7060, 0.3223, 0.3141.

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

56.7060, 0.3223, 0.3141

Protanopia

56.6287, 0.3063, 0.3159

Deuteranopia

56.5541, 0.3215, 0.3141



Tritanopia

56.8032, 0.3208, 0.3118

Trichromacy



Original Color

56.7060, 0.3223, 0.3141

Protanomaly

56.5143, 0.3118, 0.3149

Deuteranomaly

56.5541, 0.3215, 0.3141

Tritanomaly

56.7544, 0.3216, 0.3130

Monochromacy



Original Color

56.7060, 0.3223, 0.3141

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7742, 0.3161, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7060, 0.3223, 0.3141 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(216, 192, 205)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 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(216, 192, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.7060, 0.3223, 0.3141 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(216, 192, 205) }
```

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

```
.border{ border-color:rgb(216, 192, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 205);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7060, 0.3223, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 205) }
```

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

```
.background{ background-color: rgb(216,  
192, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor