

Converting Colors

$Y_{xy}(56.4258, 0.3309, 0.3121)$

Have a look what the booklet for
Yxy(56.4258, 0.3309, 0.3121)
contains.

Yxy(56.2858, 0.3317, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.2858, 0.3317, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	E1BCCB
RGB	225, 188, 203
RGB Percent	88%, 74%, 80%
CMY	0.1178, 0.2626, 0.2040
CMYK	0.00, 0.16, 0.10, 0.12
HSL	336°, 38%, 81%
HSV	336°, 16%, 88%
XYZ	59.8014, 56.2858, 64.2004
YIQ	200.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

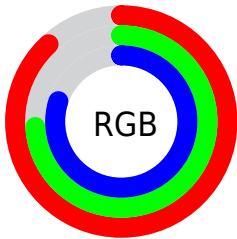
Format	Color
R _Y B	225, 188, 203
Decimal	14793931
CIE Lab	79.78, 15.62, -2.58
CIE LCh	80, 15.827, 350.628
Yxy	56.2858, 0.3317, 0.3122
Android (android.graphics.Color)	4292984011 (0xFFE1BCCB)
YUV	200.7730, 1.0979, 21.2471
Hunter-Lab	75.0239, 10.9903, 1.7803

Details

The Yxy color **56.2858, 0.3317, 0.3122** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1732, 0.2970, 0.3465**, and the grayscale version is **58.2444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.9329, 0.3361, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **46.8021, 0.3466, 0.3013**, and if you desaturate by 10%, it is **67.3277, 0.3194, 0.3226**.

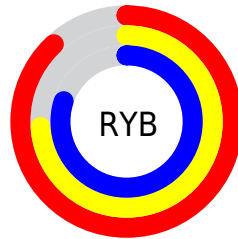
Distribution



Red (88%)

Green (74%)

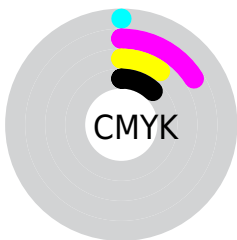
Blue (80%)



Red (88%)

Yellow (74%)

Blue (80%)

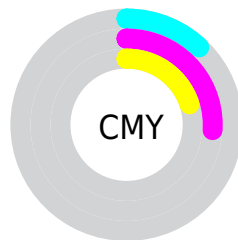


Cyan (0%)

Magenta (16%)

Yellow (10%)

Black (12%)



Cyan (12%)


Magenta (26%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2858, 0.3317, 0.3122 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 56.2858, 0.3317, 0.3122 by changing the saturation by 10% instead.

 56.2858, 0.3317,
0.3122

 56.2858, 0.3317,
0.3122


410.7677, 0.3226,
0.3203

 40.4321, 0.3339,
0.3103


 99.4223, 0.3284,
0.3151

 27.8756, 0.3366,
0.3079


127.4740, 0.3272,
0.3161

 18.2319, 0.3402,
0.3048


160.3603, 0.3261,
0.3171

 11.1166, 0.3451,
0.3006

198.4659, 0.3252,
0.3179

 6.1453, 0.3520,
0.2947

242.1750, 0.3244,
0.3186

 2.9337, 0.3626,
0.2857

291.8721, 0.3237,

 1.0972, 0.3812,

0.3192

0.2703

347.9415, 0.3231,
0.3198

0.0000, 0.7001,
0.0000

0.0000, 0.0000,
0.0000

56.2858, 0.3317,
0.3122

56.2858, 0.3317,
0.3122

46.8021, 0.3466,
0.3013

67.3277, 0.3194,
0.3226

38.7985, 0.3646,
0.2903

79.9862, 0.3093,
0.3324

32.2013, 0.3860,
0.2799

93.9994, 0.3011,
0.3410

26.9279, 0.4109,
0.2707

94.7402, 0.2946,
0.3289

■ 22.8863, 0.4390,
0.2641

■ 19.9732, 0.4692,
0.2613

■ 18.0676, 0.5000,
0.2634

■ 17.0180, 0.5289,
0.2709

■ 16.7575, 0.5389,
0.2742

Harmonies

Analogous

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



56.2858, 0.3109, 0.2996



56.2858, 0.3317, 0.3122



56.2858, 0.3477, 0.3291

Triad

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



56.2858, 0.3317, 0.3122



56.2858, 0.3338, 0.3658



56.2858, 0.2731, 0.3094

Complementary

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



56.2858, 0.3317, 0.3122



69.1732, 0.2970, 0.3465

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.



56.2858, 0.2788, 0.3274



56.2858, 0.3317, 0.3122



56.2858, 0.3135, 0.3609

Square

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



56.2858, 0.3317, 0.3122



56.2858, 0.3488, 0.3602



56.2858, 0.2934, 0.3466



56.2858, 0.2776, 0.2976

Rectangle

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



56.2858, 0.3317, 0.3122



56.2858, 0.3531, 0.3409



56.2858, 0.2934, 0.3466



56.2858, 0.2739, 0.3149

Sweetspot

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



56.2883, 0.3317, 0.3122



91.6542, 0.3179, 0.3240



55.0491, 0.3025, 0.2869



19.3762, 0.3187, 0.3233



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.



56.2883, 0.3317, 0.3122



69.8632, 0.3369, 0.3082



56.9384, 0.3433, 0.3326



13.7921, 0.3229, 0.3195



9.6826, 0.5349, 0.2720



0.6886, 0.4944, 0.2497

Inverse Universe

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



56.2883, 0.3317, 0.3122



69.8632, 0.3369, 0.3082



68.3054, 0.2878, 0.3254



13.7921, 0.3229, 0.3195



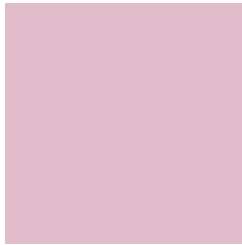
9.6826, 0.5349, 0.2720



0.6886, 0.4944, 0.2497

Previews

White Background



This preview shows how the Yxy color 56.2858, 0.3317, 0.3122 looks on a white background.

Color Contrast Check

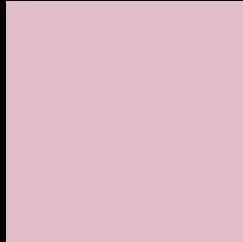
Large Text (above 18pt) WCAG AA × Fail

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 56.2858, 0.3317, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

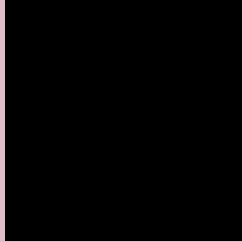
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2858, 0.3317, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 56.2858, 0.3317, 0.3122.



This preview shows how white text looks on a background with the Yxy color 56.2858, 0.3317, 0.3122.

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

56.2858, 0.3317, 0.3122

Protanopia

56.4923, 0.3055, 0.3159

Deuteranopia

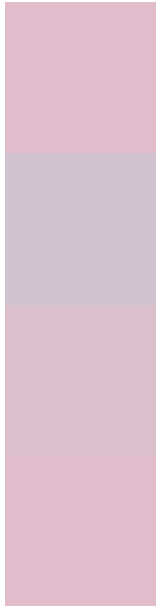
56.4106, 0.3238, 0.3175



Tritanopia

56.2858, 0.3317, 0.3122

Trichromacy



Original Color

56.2858, 0.3317, 0.3122

Protanomaly

56.4497, 0.3150, 0.3150

Deuteranomaly

56.5859, 0.3272, 0.3165

Tritanomaly

56.2858, 0.3317, 0.3122

Monochromacy



Original Color

56.2858, 0.3317, 0.3122

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.4458, 0.3194, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2858, 0.3317, 0.3122 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(225, 188, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 188, 203)  
}
```

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(225, 188, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 188, 203) }
```

Border

The CSS property to change the border of an element to Yxy 56.2858, 0.3317, 0.3122 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(225, 188, 203) }
```

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

```
.border{ border-color:rgb(225, 188, 203) }
```

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

Here you see how a box with a 4 pixel rgb(225, 188, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 188, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 188, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 188,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2858, 0.3317, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 188, 203) }
```

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

```
.background{ background-color: rgb(225,  
188, 203) }
```

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