

Converting Colors

Yxy(56.6166, 0.3295, 0.3108)

Have a look what the booklet for
Yxy(56.6166, 0.3295, 0.3108)
contains.

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Color

Yxy(56.6503, 0.3292, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	E0BDCD
RGB	224, 189, 205
RGB Percent	88%, 74%, 80%
CMY	0.1214, 0.2589, 0.1960
CMYK	0.00, 0.16, 0.08, 0.12
HSL	333°, 36%, 81%
HSV	333°, 16%, 88%
XYZ	59.9655, 56.6503, 65.5395
YIQ	201.2890, 15.7240, 12.3960

Conversions

Conversions Part 2

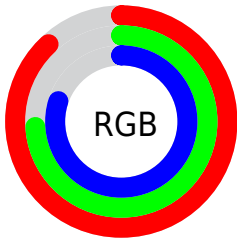
Format	Color
R _Y B	224, 189, 205
Decimal	14728653
CIE Lab	79.98, 15.12, -3.38
CIE LCh	80, 15.491, 347.398
Yxy	56.6503, 0.3292, 0.3110
Android (android.graphics.Color)	4292918733 (0xFFE0BDCD)
YUV	201.2890, 1.8295, 19.9175
Hunter-Lab	75.2664, 10.4966, 1.0587

Details

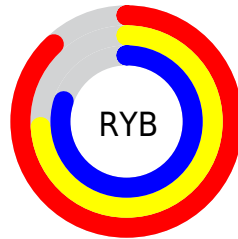
The Yxy color **56.6503, 0.3292, 0.3110** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.7003, 0.2988, 0.3477**, and the grayscale version is **58.5818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.2777, 0.3337, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **47.1834, 0.3426, 0.2988**, and if you desaturate by 10%, it is **67.6565, 0.3181, 0.3227**.

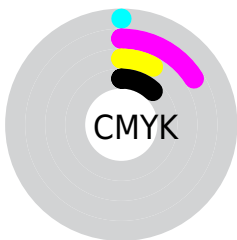
Distribution



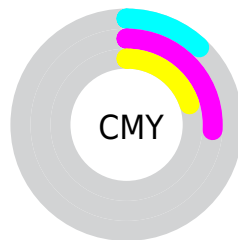
- Red (88%)
- Green (74%)
- Blue (80%)



- Red (88%)
- Yellow (74%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.6503, 0.3292, 0.3110 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 56.6503, 0.3292, 0.3110 by changing the saturation by 10% instead.


 56.6503, 0.3292,
0.3110

 56.6503, 0.3292,
0.3110


412.1376, 0.3213,
0.3196

 40.7245, 0.3311,
0.3090


 99.9547, 0.3264,
0.3140

 28.1039, 0.3335,
0.3064


128.1022, 0.3253,
0.3152

 18.4040, 0.3365,
0.3031


161.0924, 0.3244,
0.3162

 11.2404, 0.3407,
0.2987

199.3097, 0.3236,
0.3171

 6.2288, 0.3466,
0.2925

243.1385, 0.3229,
0.3178

 2.9847, 0.3556,
0.2830

292.9631, 0.3223,

 1.1237, 0.3712,

0.3185

0.2671

349.1680, 0.3218,
0.3191

0.0000, 0.6106,
0.0000

0.0000, 0.0000,
0.0000

56.6503, 0.3292,
0.3110

56.6503, 0.3292,
0.3110

47.1834, 0.3426,
0.2988

67.6565, 0.3181,
0.3227

39.1790, 0.3587,
0.2865

80.2593, 0.3089,
0.3337

32.5654, 0.3778,
0.2746

93.7525, 0.3014,
0.3427

27.2612, 0.3998,
0.2640

94.5056, 0.2948,
0.3303

■ 23.1771, 0.4247,
0.2560

■ 94.5922, 0.2941,
0.3289

■ 20.2118, 0.4515,
0.2517

■ 18.2480, 0.4791,
0.2523

■ 17.1414, 0.5057,
0.2584

■ 16.8202, 0.5169,
0.2621

Harmonies

Analogous

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



56.6503, 0.3087, 0.2994



56.6503, 0.3292, 0.3110



56.6503, 0.3456, 0.3272

Triad

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



56.6503, 0.3292, 0.3110



56.6503, 0.3352, 0.3648



56.6503, 0.2742, 0.3115

Complementary

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



56.6503, 0.3292, 0.3110



68.7003, 0.2988, 0.3477

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.



56.6503, 0.2808, 0.3295



56.6503, 0.3292, 0.3110



56.6503, 0.3157, 0.3612

Square

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



56.6503, 0.3292, 0.3110



56.6503, 0.3490, 0.3583



56.6503, 0.2958, 0.3480



56.6503, 0.2774, 0.2992

Rectangle

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



56.6503, 0.3292, 0.3110



56.6503, 0.3517, 0.3388



56.6503, 0.2958, 0.3480



56.6503, 0.2753, 0.3171

Sweetspot

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



56.6528, 0.3292, 0.3110



91.6955, 0.3175, 0.3234



55.1392, 0.3017, 0.2889



19.3862, 0.3182, 0.3226



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.



56.6528, 0.3292, 0.3110



71.3085, 0.3336, 0.3068



56.4227, 0.3419, 0.3304



13.8043, 0.3221, 0.3183



9.8102, 0.5132, 0.2601



0.6979, 0.4760, 0.2396

Inverse Universe

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



56.6528, 0.3292, 0.3110



71.3085, 0.3336, 0.3068



68.9034, 0.2890, 0.3276



13.8043, 0.3221, 0.3183



9.8102, 0.5132, 0.2601



0.6979, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 56.6503, 0.3292, 0.3110 looks on a white background.

Color Contrast Check

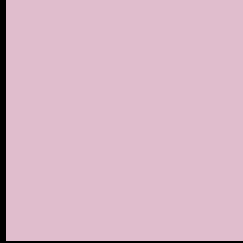
Large Text (above 18pt) WCAG AA × Fail

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 56.6503, 0.3292, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

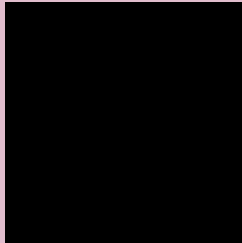
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6503, 0.3292, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 56.6503, 0.3292, 0.3110.



This preview shows how white text looks on a background with the Yxy color 56.6503, 0.3292, 0.3110.

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

56.6503, 0.3292, 0.3110

Protanopia

56.7278, 0.3049, 0.3136

Deuteranopia

56.5060, 0.3223, 0.3152



Tritanopia

56.6021, 0.3300, 0.3121

Trichromacy



Original Color

56.6503, 0.3292, 0.3110

Protanomaly

56.5475, 0.3135, 0.3127

Deuteranomaly

56.5267, 0.3248, 0.3142

Tritanomaly

56.6021, 0.3300, 0.3121

Monochromacy



Original Color

56.6503, 0.3292, 0.3110

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.7521, 0.3185, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6503, 0.3292, 0.3110 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(224, 189, 205)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 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(224, 189, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.6503, 0.3292, 0.3110 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(224, 189, 205) }
```

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

```
.border{ border-color:rgb(224, 189, 205) }
```

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

Here you see how a box with a 4 pixel rgb(224, 189, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 205);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6503, 0.3292, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 205) }
```

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

```
.background{ background-color: rgb(224,  
189, 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](#).

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