

Converting Colors

$Yxy(56.7771, 0.3414, 0.3142)$

Have a look what the booklet for
Yxy(56.7771, 0.3414, 0.3142)
contains.

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Color

Yxy(56.6116, 0.3412, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	E9BAC8
RGB	233, 186, 200
RGB Percent	91%, 73%, 78%
CMY	0.0862, 0.2706, 0.2157
CMYK	0.00, 0.20, 0.14, 0.09
HSL	342°, 52%, 82%
HSV	342°, 20%, 91%
XYZ	61.5940, 56.6116, 62.3161
YIQ	201.6490, 23.5180, 14.3180

Conversions

Conversions Part 2

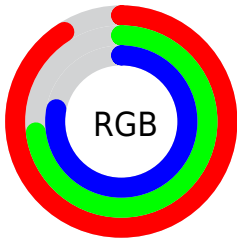
Format	Color
R _Y B	233, 186, 200
Decimal	15317704
CIE Lab	79.96, 19.06, -0.60
CIE LCh	80, 19.069, 358.190
Yxy	56.6116, 0.3412, 0.3136
Android (android.graphics.Color)	4293507784 (0xFFE9BAC8)
YUV	201.6490, -0.8130, 27.4948
Hunter-Lab	75.2407, 14.4536, 3.5631

Details

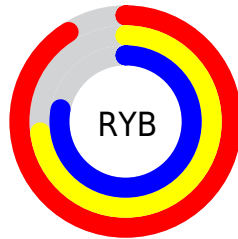
The Yxy color **56.6116, 0.3412, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8491, 0.2905, 0.3450**, and the grayscale version is **58.8291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **28.1975, 0.3489, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **46.8587, 0.3603, 0.3055**, and if you desaturate by 10%, it is **68.0526, 0.3256, 0.3215**.

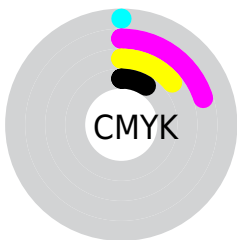
Distribution



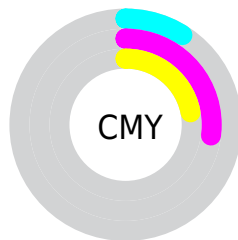
- Red (91%)
- Green (73%)
- Blue (78%)



- Red (91%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6116, 0.3412, 0.3136 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 56.6116, 0.3412, 0.3136 by changing the saturation by 10% instead.

 56.6116, 0.3412,
0.3136

 56.6116, 0.3412,
0.3136


411.9923, 0.3274,
0.3210

 40.6935, 0.3445,
0.3118


 99.8982, 0.3363,
0.3162

 28.0797, 0.3487,
0.3096


128.0356, 0.3344,
0.3173

 18.3857, 0.3541,
0.3067


161.0147, 0.3328,
0.3181

 11.2273, 0.3615,
0.3027

199.2202, 0.3315,
0.3189

 6.2199, 0.3720,
0.2971

243.0362, 0.3303,
0.3195

 2.9793, 0.3882,
0.2884

292.8474, 0.3292,

 1.1209, 0.4166,

0.3201

349.0379, 0.3283,
0.3206

0.2735

0.0000, 0.9250,
0.0000

0.0000, 0.0000,
0.0000

56.6116, 0.3412,
0.3136

56.6116, 0.3412,
0.3136

46.8587, 0.3603,
0.3055

68.0526, 0.3256,
0.3215

38.7061, 0.3835,
0.2974

81.2487, 0.3129,
0.3289

32.0698, 0.4111,
0.2901

95.6942, 0.3026,
0.3348

26.8548, 0.4432,
0.2844

96.0685, 0.2994,
0.3290

■ 22.9554, 0.4788,
0.2815

■ 20.2511, 0.5158,
0.2824

■ 18.5985, 0.5510,
0.2881

■ 17.7622, 0.5808,
0.2973

Harmonies

Analogous

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



56.6116, 0.3169, 0.2971



56.6116, 0.3412, 0.3136



56.6116, 0.3580, 0.3343

Triad

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



56.6116, 0.3412, 0.3136



56.6116, 0.3321, 0.3732



56.6116, 0.2656, 0.3008

Complementary

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



56.6116, 0.3412, 0.3136



73.8491, 0.2905, 0.3450

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.



56.6116, 0.2694, 0.3209



56.6116, 0.3412, 0.3136



56.6116, 0.3071, 0.3643

Square

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



56.6116, 0.3412, 0.3136



56.6116, 0.3524, 0.3692



56.6116, 0.2843, 0.3446



56.6116, 0.2738, 0.2893

Rectangle

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



56.6116, 0.3412, 0.3136



56.6116, 0.3623, 0.3481



56.6116, 0.2843, 0.3446



56.6116, 0.2655, 0.3068

Sweetspot

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



56.6142, 0.3412, 0.3136



89.9506, 0.3200, 0.3246



56.0484, 0.3040, 0.2772



19.0294, 0.3209, 0.3241



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.



56.6142, 0.3412, 0.3136



64.5084, 0.3483, 0.3104



60.0843, 0.3509, 0.3396



15.1278, 0.3246, 0.3220



10.0948, 0.5768, 0.2951



0.8091, 0.5374, 0.2734

Inverse Universe

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



56.6142, 0.3412, 0.3136



64.5084, 0.3483, 0.3104



69.4319, 0.2819, 0.3182



15.1278, 0.3246, 0.3220



10.0948, 0.5768, 0.2951



0.8091, 0.5374, 0.2734

Previews

White Background



This preview shows how the Yxy color 56.6116, 0.3412, 0.3136 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 56.6116, 0.3412, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

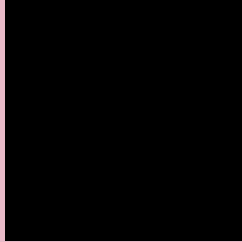
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6116, 0.3412, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 56.6116, 0.3412, 0.3136.



This preview shows how white text looks on a background with the Yxy color 56.6116, 0.3412, 0.3136.

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

56.6116, 0.3412, 0.3136

Protanopia

56.7169, 0.3078, 0.3171

Deuteranopia

56.5745, 0.3278, 0.3210



Tritanopia

56.6116, 0.3412, 0.3136

Trichromacy



Original Color

56.6116, 0.3412, 0.3136

Protanomaly

56.4966, 0.3198, 0.3163

Deuteranomaly

56.6384, 0.3330, 0.3188

Tritanomaly

56.6116, 0.3412, 0.3136

Monochromacy



Original Color

56.6116, 0.3412, 0.3136

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8430, 0.3226, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6116, 0.3412, 0.3136 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(233, 186, 200)` looks like.

```
.text, #text, p{  
  color:rgb(233, 186, 200)  
}
```

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(233, 186, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 186, 200) }
```

Border

The CSS property to change the border of an element to Yxy 56.6116, 0.3412, 0.3136 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(233, 186, 200) }
```

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

```
.border{ border-color:rgb(233, 186, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 186, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 186, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 186, 200);  
box-shadow:4px 4px 4px 4px rgb(233, 186,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6116, 0.3412, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 186, 200) }
```

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

```
.background{ background-color: rgb(233,  
186, 200) }
```

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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