

Converting Colors

Yxy(56.4059, 0.3388, 0.3110)

Have a look what the booklet for
Yxy(56.4059, 0.3388, 0.3110)
contains.

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Color

Yxy(56.5379, 0.3387, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	E8BACA
RGB	232, 186, 202
RGB Percent	91%, 73%, 79%
CMY	0.0902, 0.2705, 0.2080
CMYK	0.00, 0.20, 0.13, 0.09
HSL	339°, 50%, 82%
HSV	339°, 20%, 91%
XYZ	61.4945, 56.5379, 63.5280
YIQ	201.5780, 22.2800, 14.7280

Conversions

Conversions Part 2

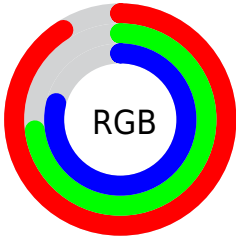
Format	Color
R _Y B	232, 186, 202
Decimal	15252170
CIE Lab	79.92, 19.01, -1.74
CIE LCh	80, 19.086, 354.758
Yxy	56.5379, 0.3387, 0.3114
Android (android.graphics.Color)	4293442250 (0xFFE8BACA)
YUV	201.5780, 0.2080, 26.6801
Hunter-Lab	75.1917, 14.3983, 2.5412

Details

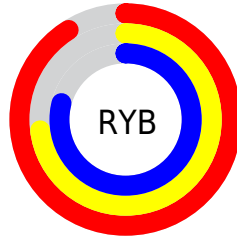
The Yxy color **56.5379, 0.3387, 0.3114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.1127, 0.2922, 0.3474**, and the grayscale version is **58.7749, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **28.1433, 0.3455, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **46.8627, 0.3563, 0.3020**, and if you desaturate by 10%, it is **67.8755, 0.3243, 0.3205**.

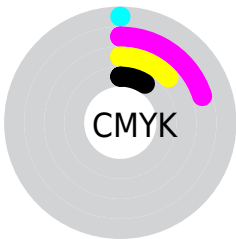
Distribution



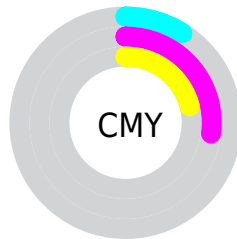
- Red (91%)
- Green (73%)
- Blue (79%)



- Red (91%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5379, 0.3387, 0.3114 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 56.5379, 0.3387, 0.3114 by changing the saturation by 10% instead.


 56.5379, 0.3387,
0.3114

 56.5379, 0.3387,
0.3114


411.7155, 0.3262,
0.3199

 40.6344, 0.3417,
0.3094

 99.7906, 0.3342,
0.3144

 28.0335, 0.3455,
0.3069


127.9086, 0.3325,
0.3155

 18.3509, 0.3504,
0.3036


160.8668, 0.3311,
0.3165

 11.2022, 0.3571,
0.2992

199.0496, 0.3298,
0.3174

 6.2030, 0.3666,
0.2929

242.8415, 0.3287,
0.3181

 2.9689, 0.3812,
0.2834

292.6269, 0.3278,

 1.1155, 0.4067,

0.3188

0.2671

348.7901, 0.3269,
0.3193

0.0000, 0.8024,
0.0000

0.0000, 0.0000,
0.0000

56.5379, 0.3387,
0.3114

56.5379, 0.3387,
0.3114

46.8627, 0.3563,
0.3020

67.8755, 0.3243,
0.3205

38.7639, 0.3775,
0.2926

80.9413, 0.3125,
0.3291

32.1591, 0.4027,
0.2839

95.4167, 0.3029,
0.3365

26.9554, 0.4320,
0.2769

95.8955, 0.2987,
0.3290

■ 23.0493, 0.4645,
0.2728

■ 20.3227, 0.4988,
0.2728

■ 18.6359, 0.5321,
0.2777

■ 17.7551, 0.5620,
0.2871

■ 17.7421, 0.5625,
0.2872

Harmonies

Analogous

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



56.5379, 0.3139, 0.2956



56.5379, 0.3387, 0.3114



56.5379, 0.3568, 0.3318

Triad

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



56.5379, 0.3387, 0.3114



56.5379, 0.3348, 0.3735



56.5379, 0.2654, 0.3027

Complementary

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



56.5379, 0.3387, 0.3114



73.1127, 0.2922, 0.3474

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.



56.5379, 0.2705, 0.3236



56.5379, 0.3387, 0.3114



56.5379, 0.3100, 0.3660

Square

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



56.5379, 0.3387, 0.3114



56.5379, 0.3542, 0.3680



56.5379, 0.2866, 0.3472



56.5379, 0.2722, 0.2901

Rectangle

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



56.5379, 0.3387, 0.3114



56.5379, 0.3621, 0.3459



56.5379, 0.2866, 0.3472



56.5379, 0.2657, 0.3090

Sweetspot

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



56.5404, 0.3387, 0.3114



89.9968, 0.3195, 0.3239



55.5324, 0.3023, 0.2779



19.0402, 0.3203, 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.



56.5404, 0.3387, 0.3114



64.6627, 0.3458, 0.3074



58.8007, 0.3505, 0.3368



14.4502, 0.3238, 0.3209



9.8713, 0.5583, 0.2849



0.7465, 0.5175, 0.2625

Inverse Universe

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



56.5404, 0.3387, 0.3114



64.6627, 0.3458, 0.3074



70.1711, 0.2826, 0.3210



14.4502, 0.3238, 0.3209



9.8713, 0.5583, 0.2849



0.7465, 0.5175, 0.2625

Previews

White Background



This preview shows how the Yxy color 56.5379, 0.3387, 0.3114 looks on a white background.

Color Contrast Check

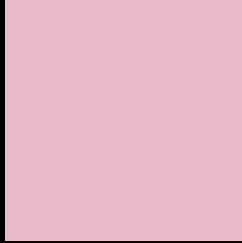
Large Text (above 18pt) WCAG AA × Fail

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 56.5379, 0.3387, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

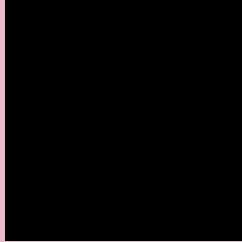
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5379, 0.3387, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 56.5379, 0.3387, 0.3114.



This preview shows how white text looks on a background with the Yxy color 56.5379, 0.3387, 0.3114.

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

56.5379, 0.3387, 0.3114

Protanopia

56.6781, 0.3056, 0.3148

Deuteranopia

56.5152, 0.3254, 0.3187



Tritanopia

56.4907, 0.3395, 0.3125

Trichromacy



Original Color

56.5379, 0.3387, 0.3114

Protanomaly

56.4450, 0.3174, 0.3139

Deuteranomaly

56.5736, 0.3306, 0.3166

Tritanomaly

56.4907, 0.3395, 0.3125

Monochromacy



Original Color

56.5379, 0.3387, 0.3114

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.8903, 0.3218, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5379, 0.3387, 0.3114 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(232, 186, 202)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 202)  
}
```

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(232, 186, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.5379, 0.3387, 0.3114 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(232, 186, 202) }
```

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

```
.border{ border-color:rgb(232, 186, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 202);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5379, 0.3387, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 186, 202) }
```

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

```
.background{ background-color: rgb(232,  
186, 202) }
```

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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