

Converting Colors

$Y_{xy}(55.9980, 0.3260, 0.2904)$

Have a look what the booklet for
Yxy(55.9980, 0.3260, 0.2904)
contains.

Yxy(56.0847, 0.3261, 0.2909)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.0847, 0.3261, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	E8B7DA
RGB	232, 183, 218
RGB Percent	91%, 72%, 85%
CMY	0.0901, 0.2824, 0.1451
CMYK	0.00, 0.21, 0.06, 0.09
HSL	317°, 52%, 81%
HSV	317°, 21%, 91%
XYZ	62.8712, 56.0847, 73.8413
YIQ	201.6410, 17.9690, 21.2730

Conversions

Conversions Part 2

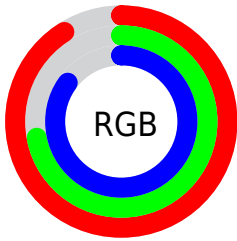
Format	Color
R _Y B	232, 183, 218
Decimal	15251418
CIE Lab	79.66, 23.32, -10.78
CIE LCh	80, 25.689, 335.186
Yxy	56.0847, 0.3261, 0.2909
Android (android.graphics.Color)	4293441498 (0xFFE8B7DA)
YUV	201.6410, 8.0650, 26.6248
Hunter-Lab	74.8897, 18.7967, -6.0372

Details

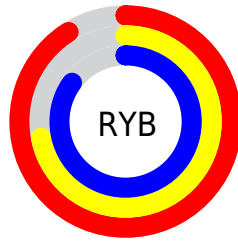
The Yxy color $56.0847, 0.3261, 0.2909$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $71.8225, 0.3015, 0.3704$, and the grayscale version is $58.7701, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $27.8397, 0.3294, 0.2822$ is the 20% darker color. If you saturate the color by 10%, you get $46.9515, 0.3341, 0.2722$, and if you desaturate by 10%, it is $66.8143, 0.3192, 0.3093$.

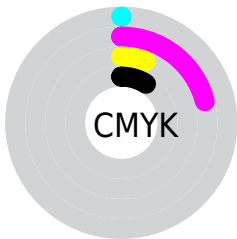
Distribution



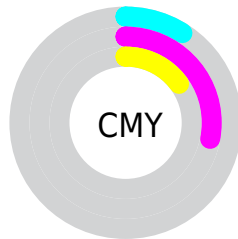
- Red (91%)
- Green (72%)
- Blue (85%)



- Red (91%)
- Yellow (72%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0847, 0.3261, 0.2909 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 56.0847, 0.3261, 0.2909 by changing the saturation by 10% instead.


 56.0847, 0.3261,
0.2909

 56.0847, 0.3261,
0.2909


410.0106, 0.3199,
0.3088

 40.2708, 0.3275,
0.2868

 99.1284, 0.3239,
0.2971

 27.7498, 0.3293,
0.2816


127.1270, 0.3231,
0.2996

 18.1371, 0.3315,
0.2750


159.9561, 0.3224,
0.3016

 11.0485, 0.3344,
0.2664

197.9998, 0.3218,
0.3034

 6.0995, 0.3384,
0.2544

241.6428, 0.3212,
0.3050

 2.9056, 0.3441,
0.2370

291.2693, 0.3207,

 1.0827, 0.3528,

0.3064

0.2091

347.2638, 0.3203,
0.3077

0.0000, 0.4281,
0.0000

0.0000, 0.0000,
0.0000

56.0847, 0.3261,
0.2909

56.0847, 0.3261,
0.2909

46.9515, 0.3341,
0.2722

66.8143, 0.3192,
0.3093

39.3300, 0.3433,
0.2540

79.2050, 0.3133,
0.3271

33.1387, 0.3535,
0.2370

93.3270, 0.3084,
0.3438

28.2855, 0.3647,
0.2223

95.2433, 0.3046,
0.3394

■ 24.6674, 0.3765,
0.2109

■ 95.6549, 0.3009,
0.3328

■ 22.1666, 0.3886,
0.2040

■ 95.8989, 0.2988,
0.3290

■ 20.6417, 0.4006,
0.2019

■ 19.9000, 0.4109,
0.2037

Harmonies

Analogous

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



56.0847, 0.2922, 0.2765



56.0847, 0.3261, 0.2909



56.0847, 0.3578, 0.3143

Triad

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



56.0847, 0.3261, 0.2909



56.0847, 0.3606, 0.3859



56.0847, 0.2522, 0.3104

Complementary

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



56.0847, 0.3261, 0.2909



71.8225, 0.3015, 0.3704

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.



56.0847, 0.2686, 0.3425



56.0847, 0.3261, 0.2909



56.0847, 0.3307, 0.3883

Square

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



56.0847, 0.3261, 0.2909



56.0847, 0.3781, 0.3682



56.0847, 0.2970, 0.3721



56.0847, 0.2510, 0.2860

Rectangle

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



56.0847, 0.3261, 0.2909



56.0847, 0.3726, 0.3326



56.0847, 0.2970, 0.3721



56.0847, 0.2561, 0.3207

Sweetspot

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



56.0872, 0.3261, 0.2909



90.3451, 0.3161, 0.3185



51.5487, 0.2876, 0.2721



19.1226, 0.3165, 0.3173



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.



56.0872, 0.3261, 0.2909



64.7318, 0.3292, 0.2834



54.9031, 0.3462, 0.3172



14.5413, 0.3181, 0.3124



11.0685, 0.4091, 0.2027



0.8337, 0.3932, 0.1940

Inverse Universe

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



56.0872, 0.3261, 0.2909



64.7318, 0.3292, 0.2834



73.0323, 0.2873, 0.3412



14.5413, 0.3181, 0.3124



11.0685, 0.4091, 0.2027



0.8337, 0.3932, 0.1940

Previews

White Background



This preview shows how the Yxy color 56.0847, 0.3261, 0.2909 looks on a white background.

Color Contrast Check

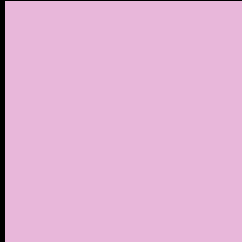
Large Text (above 18pt) WCAG AA × Fail

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 56.0847, 0.3261, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

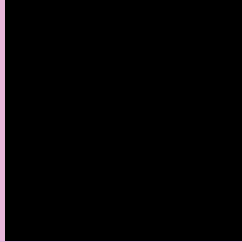
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0847, 0.3261, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 56.0847, 0.3261, 0.2909.



This preview shows how white text looks on a background with the Yxy color 56.0847, 0.3261, 0.2909.

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

56.0847, 0.3261, 0.2909

Protanopia

56.3083, 0.2894, 0.2938

Deuteranopia

56.0670, 0.3077, 0.3013



Tritanopia

56.1109, 0.3386, 0.3135

Trichromacy



Original Color

56.0847, 0.3261, 0.2909

Protanomaly

55.8547, 0.3019, 0.2923

Deuteranomaly

56.1567, 0.3142, 0.2974

Tritanomaly

56.1918, 0.3339, 0.3047

Monochromacy



Original Color

56.0847, 0.3261, 0.2909

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.7304, 0.3174, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0847, 0.3261, 0.2909 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, 183, 218)` looks like.

```
.text, #text, p{  
    color:rgb(232, 183, 218)  
}
```

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, 183, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 183, 218) }
```

Border

The CSS property to change the border of an element to Yxy 56.0847, 0.3261, 0.2909 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, 183, 218) }
```

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

```
.border{ border-color:rgb(232, 183, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 183, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 183, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 183, 218);  
box-shadow:4px 4px 4px 4px rgb(232, 183,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0847, 0.3261, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 183, 218) }
```

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

```
.background{ background-color: rgb(232,  
183, 218) }
```

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