

Converting Colors

Yxy(56.6087, 0.3321, 0.2921)

Have a look what the booklet for
Yxy(56.6087, 0.3321, 0.2921)
contains.

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Color

Yxy(56.5909, 0.3328, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	EEB6D8
RGB	238, 182, 216
RGB Percent	93%, 71%, 85%
CMY	0.0666, 0.2863, 0.1529
CMYK	0.00, 0.24, 0.09, 0.07
HSL	324°, 62%, 82%
HSV	324°, 24%, 93%
XYZ	64.3879, 56.5909, 72.4944
YIQ	202.6200, 22.4620, 22.4460

Conversions

Conversions Part 2

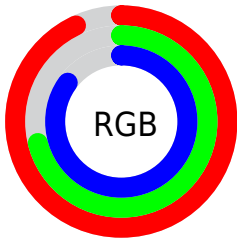
Format	Color
R _Y B	238, 182, 216
Decimal	15644376
CIE Lab	79.95, 25.56, -9.21
CIE LCh	80, 27.165, 340.179
Yxy	56.5909, 0.3328, 0.2925
Android (android.graphics.Color)	4293834456 (0xFFEEB6D8)
YUV	202.6200, 6.5963, 31.0283
Hunter-Lab	75.2269, 21.1338, -4.4775

Details

The Yxy color $56.5909, 0.3328, 0.2925$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.4678, 0.2968, 0.3686$, and the grayscale version is $59.4200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $28.0975, 0.3374, 0.2843$ is the 20% darker color. If you saturate the color by 10%, you get $47.1887, 0.3440, 0.2764$, and if you desaturate by 10%, it is $67.6826, 0.3232, 0.3085$.

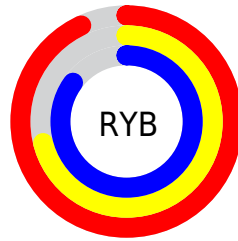
Distribution



Red (93%)

Green (71%)

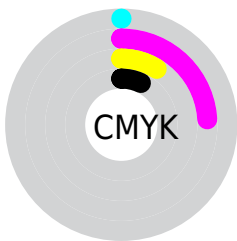
Blue (85%)



Red (93%)

Yellow (71%)

Blue (85%)

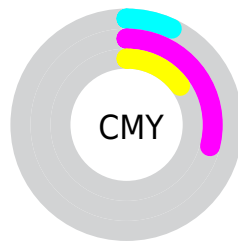


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (29%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5909, 0.3328, 0.2925 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 56.5909, 0.3328, 0.2925 by changing the saturation by 10% instead.

 56.5909, 0.3328,
0.2925

 56.5909, 0.3328,
0.2925


411.9146, 0.3233,
0.3096

 40.6769, 0.3350,
0.2885


 99.8680, 0.3295,
0.2985

 28.0667, 0.3377,
0.2836


127.9999, 0.3282,
0.3008

 18.3759, 0.3413,
0.2773


160.9732, 0.3271,
0.3028

 11.2202, 0.3459,
0.2690

199.1723, 0.3262,
0.3045

 6.2152, 0.3523,
0.2576

242.9816, 0.3253,
0.3060

 2.9764, 0.3618,
0.2408

292.7855, 0.3246,

 1.1194, 0.3772,

0.3074

0.2141

348.9683, 0.3239,
0.3086

0.0000, 0.4923,
0.0000

0.0000, 0.0000,
0.0000

56.5909, 0.3328,
0.2925

56.5909, 0.3328,
0.2925

47.1887, 0.3440,
0.2764

67.6826, 0.3232,
0.3085

39.3842, 0.3571,
0.2607

80.5345, 0.3152,
0.3238

33.0885, 0.3720,
0.2463

95.2225, 0.3085,
0.3382

28.2006, 0.3885,
0.2343

96.8201, 0.3032,
0.3305

■ 24.6073, 0.4061,
0.2260

■ 96.9211, 0.3023,
0.3290

■ 22.1774, 0.4244,
0.2223

■ 20.7520, 0.4424,
0.2240

■ 20.2089, 0.4538,
0.2273

Harmonies

Analogous

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



56.5909, 0.2967, 0.2756



56.5909, 0.3328, 0.2925



56.5909, 0.3648, 0.3181

Triad

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



56.5909, 0.3328, 0.2925



56.5909, 0.3586, 0.3907



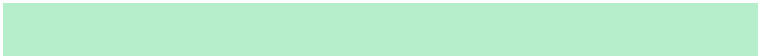
56.5909, 0.2478, 0.3042

Complementary

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



56.5909, 0.3328, 0.2925



75.4678, 0.2968, 0.3686

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.



56.5909, 0.2624, 0.3374



56.5909, 0.3328, 0.2925



56.5909, 0.3257, 0.3902

Square

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



56.5909, 0.3328, 0.2925



56.5909, 0.3798, 0.3740



56.5909, 0.2905, 0.3701



56.5909, 0.2493, 0.2806

Rectangle

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



56.5909, 0.3328, 0.2925



56.5909, 0.3786, 0.3375



56.5909, 0.2905, 0.3701



56.5909, 0.2509, 0.3146

Sweetspot

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



56.5934, 0.3328, 0.2925



88.6916, 0.3179, 0.3185



52.3919, 0.2885, 0.2655



18.7855, 0.3183, 0.3176



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.



56.5934, 0.3328, 0.2925



60.9174, 0.3377, 0.2851



55.2894, 0.3559, 0.3219



15.9200, 0.3198, 0.3148



11.2982, 0.4511, 0.2259



0.9594, 0.4293, 0.2139

Inverse Universe

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



56.5934, 0.3328, 0.2925



60.9174, 0.3377, 0.2851



76.9042, 0.2815, 0.3363



15.9200, 0.3198, 0.3148



11.2982, 0.4511, 0.2259



0.9594, 0.4293, 0.2139

Previews

White Background



This preview shows how the Yxy color 56.5909, 0.3328, 0.2925 looks on a white background.

Color Contrast Check

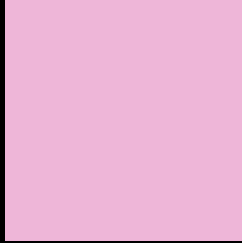
Large Text (above 18pt) WCAG AA × Fail

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 56.5909, 0.3328, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

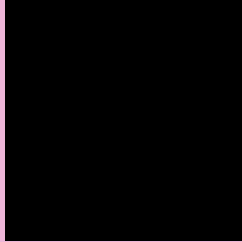
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5909, 0.3328, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 56.5909, 0.3328, 0.2925.



This preview shows how white text looks on a background with the Yxy color 56.5909, 0.3328, 0.2925.

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

56.5909, 0.3328, 0.2925

Protanopia

56.8928, 0.2901, 0.2951

Deuteranopia

56.8439, 0.3115, 0.3049



Tritanopia

56.6543, 0.3447, 0.3137

Trichromacy



Original Color

56.5909, 0.3328, 0.2925

Protanomaly

56.6748, 0.3049, 0.2948

Deuteranomaly

56.6736, 0.3189, 0.2998

Tritanomaly

56.6933, 0.3407, 0.3062

Monochromacy



Original Color

56.5909, 0.3328, 0.2925

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.1832, 0.3198, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5909, 0.3328, 0.2925 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(238, 182, 216)` looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 216)  
}
```

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(238, 182, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 216) }
```

Border

The CSS property to change the border of an element to Yxy 56.5909, 0.3328, 0.2925 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(238, 182, 216) }
```

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

```
.border{ border-color:rgb(238, 182, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 182, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 182, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 182, 216);  
box-shadow:4px 4px 4px 4px rgb(238, 182,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5909, 0.3328, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 216) }
```

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

```
.background{ background-color: rgb(238,  
182, 216) }
```

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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