

Converting Colors

$Yxy(55.0774, 0.3281, 0.2915)$

Have a look what the booklet for
Yxy(55.0774, 0.3281, 0.2915)
contains.

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Color

Yxy(55.1098, 0.3287, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	E8B5D7
RGB	232, 181, 215
RGB Percent	91%, 71%, 84%
CMY	0.0901, 0.2902, 0.1568
CMYK	0.00, 0.22, 0.07, 0.09
HSL	320°, 53%, 81%
HSV	320°, 22%, 91%
XYZ	62.0788, 55.1098, 71.6730
YIQ	200.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

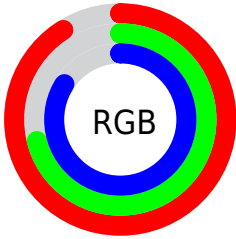
Format	Color
RYB	232, 181, 215
Decimal	15250903
CIELab	79.10, 23.88, -10.01
CIELCh	79, 25.893, 337.270
Yxy	55.1098, 0.3287, 0.2918
Android (android.graphics.Color)	4293440983 (0xFFE8B5D7)
YUV	200.1250, 7.3334, 27.9544
Hunter-Lab	74.2360, 19.3552, -5.2778

Details

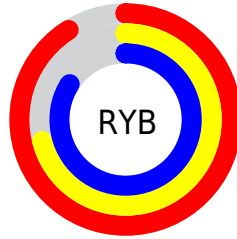
The Yxy color $55.1098, 0.3287, 0.2918$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $71.6315, 0.2997, 0.3694$, and the grayscale version is $57.7881, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $27.2065, 0.3330, 0.2834$ is the 20% darker color. If you saturate the color by 10%, you get $46.0615, 0.3380, 0.2742$, and if you desaturate by 10%, it is $65.7531, 0.3207, 0.3091$.

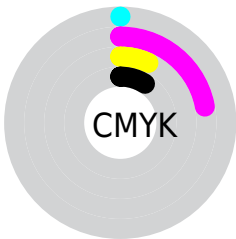
Distribution



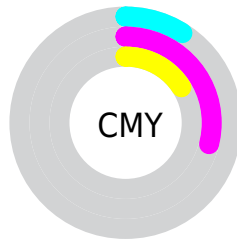
- Red (91%)
- Green (71%)
- Blue (84%)



- Red (91%)
- Yellow (71%)
- Blue (84%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1098, 0.3287, 0.2918 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 55.1098, 0.3287, 0.2918 by changing the saturation by 10% instead.


 55.1098, 0.3287,
0.2918

 55.1098, 0.3287,
0.2918


406.3280, 0.3212,
0.3093

 39.4896, 0.3304,
0.2877


 97.7018, 0.3261,
0.2979

 27.1408, 0.3326,
0.2826


125.4424, 0.3251,
0.3003

 17.6790, 0.3354,
0.2762


157.9920, 0.3242,
0.3023

 10.7198, 0.3390,
0.2676

195.7350, 0.3234,
0.3041

 5.8787, 0.3440,
0.2557

239.0556, 0.3228,
0.3057

 2.7715, 0.3514,
0.2382

288.3384, 0.3222,

 1.0136, 0.3632,

0.3070

0.2101

343.9678, 0.3217,
0.3082

0.0000, 0.4524,
0.0000

0.0000, 0.0000,
0.0000

55.1098, 0.3287,
0.2918

55.1098, 0.3287,
0.2918

46.0615, 0.3380,
0.2742

65.7531, 0.3207,
0.3091

38.5228, 0.3488,
0.2571

78.0568, 0.3139,
0.3258

32.4116, 0.3610,
0.2412

92.0912, 0.3083,
0.3415

27.6348, 0.3743,
0.2276

95.3321, 0.3038,
0.3380

■ 24.0882, 0.3886,
0.2174

■ 95.8167, 0.2995,
0.3303

■ 21.6522, 0.4033,
0.2117

■ 95.9014, 0.2988,
0.3290

■ 20.1828, 0.4178,
0.2111

■ 19.5189, 0.4292,
0.2138

Harmonies

Analogous

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



55.1098, 0.2941, 0.2765



55.1098, 0.3287, 0.2918



55.1098, 0.3603, 0.3159

Triad

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



55.1098, 0.3287, 0.2918



55.1098, 0.3595, 0.3874



55.1098, 0.2508, 0.3080

Complementary

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



55.1098, 0.3287, 0.2918



71.6315, 0.2997, 0.3694

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.



55.1098, 0.2664, 0.3403



55.1098, 0.3287, 0.2918



55.1098, 0.3286, 0.3886

Square

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



55.1098, 0.3287, 0.2918



55.1098, 0.3783, 0.3703



55.1098, 0.2945, 0.3710



55.1098, 0.2507, 0.2841

Rectangle

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



55.1098, 0.3287, 0.2918



55.1098, 0.3746, 0.3346



55.1098, 0.2945, 0.3710



55.1098, 0.2544, 0.3183

Sweetspot

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



55.1122, 0.3287, 0.2918



88.7581, 0.3172, 0.3175



50.7622, 0.2877, 0.2697



18.8009, 0.3176, 0.3165



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.



55.1122, 0.3287, 0.2918



63.4044, 0.3324, 0.2845



53.9374, 0.3494, 0.3186



14.5293, 0.3189, 0.3134



10.8569, 0.4270, 0.2126



0.8194, 0.4076, 0.2019

Inverse Universe

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



55.1122, 0.3287, 0.2918



63.4044, 0.3324, 0.2845



72.8647, 0.2853, 0.3397



14.5293, 0.3189, 0.3134



10.8569, 0.4270, 0.2126



0.8194, 0.4076, 0.2019

Previews

White Background



This preview shows how the Yxy color 55.1098, 0.3287, 0.2918 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 55.1098, 0.3287, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

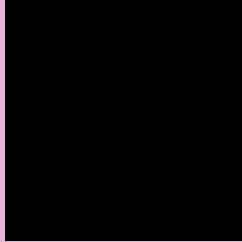
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1098, 0.3287, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 55.1098, 0.3287, 0.2918.



This preview shows how white text looks on a background with the Yxy color 55.1098, 0.3287, 0.2918.

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

55.1098, 0.3287, 0.2918

Protanopia

55.4884, 0.2892, 0.2947

Deuteranopia

55.3311, 0.3091, 0.3034



Tritanopia

55.1812, 0.3406, 0.3134

Trichromacy



Original Color

55.1098, 0.3287, 0.2918

Protanomaly

55.1692, 0.3025, 0.2932

Deuteranomaly

54.9946, 0.3158, 0.2983

Tritanomaly

55.2155, 0.3366, 0.3058

Monochromacy



Original Color

55.1098, 0.3287, 0.2918

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5448, 0.3190, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1098, 0.3287, 0.2918 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, 181, 215)` looks like.

```
.text, #text, p{  
    color:rgb(232, 181, 215)  
}
```

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, 181, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 181, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.1098, 0.3287, 0.2918 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, 181, 215) }
```

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

```
.border{ border-color:rgb(232, 181, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 181, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 181, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 181, 215);  
box-shadow:4px 4px 4px 4px rgb(232, 181,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1098, 0.3287, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 181, 215) }
```

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

```
.background{ background-color: rgb(232,  
181, 215) }
```

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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