

Converting Colors

$Y_{xy}(55.2822, 0.3280, 0.3034)$

Have a look what the booklet for
Yxy(55.2822, 0.3280, 0.3034)
contains.

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Color

Yxy(55.2595, 0.3281, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	E1B9D0
RGB	225, 185, 208
RGB Percent	88%, 73%, 82%
CMY	0.1175, 0.2746, 0.1843
CMYK	0.00, 0.18, 0.08, 0.12
HSL	326°, 40%, 80%
HSV	326°, 18%, 88%
XYZ	59.7976, 55.2595, 67.1972
YIQ	199.5820, 16.4570, 15.6330

Conversions

Conversions Part 2

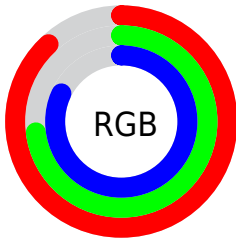
Format	Color
R _Y B	225, 185, 208
Decimal	14793168
CIE Lab	79.19, 18.13, -6.16
CIE LCh	79, 19.148, 341.243
Yxy	55.2595, 0.3281, 0.3032
Android (android.graphics.Color)	4292983248 (0xFFE1B9D0)
YUV	199.5820, 4.1501, 22.2916
Hunter-Lab	74.3367, 13.4989, -1.5599

Details

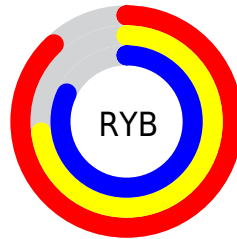
The Yxy color **55.2595, 0.3281, 0.3032** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.4543, 0.2998, 0.3563**, and the grayscale version is **57.4589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.2706, 0.3311, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **46.1235, 0.3391, 0.2880**, and if you desaturate by 10%, it is **65.9191, 0.3189, 0.3180**.

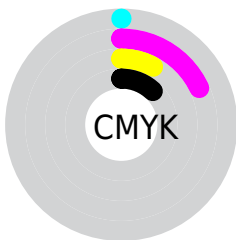
Distribution



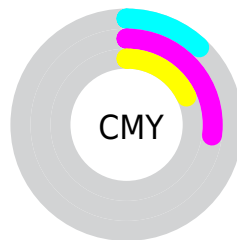
- Red (88%)
- Green (73%)
- Blue (82%)



- Red (88%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (12%)





- Cyan (12%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2595, 0.3281, 0.3032 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 55.2595, 0.3281, 0.3032 by changing the saturation by 10% instead.


 55.2595, 0.3281,
0.3032

 55.2595, 0.3281,
0.3032

406.8949, 0.3208,
0.3155

 39.6095, 0.3298,
0.3003


 97.9211, 0.3255,
0.3075

 27.2342, 0.3320,
0.2967


125.7014, 0.3245,
0.3092

 17.7492, 0.3348,
0.2920


158.2941, 0.3237,
0.3106

 10.7701, 0.3386,
0.2858

196.0833, 0.3229,
0.3119

 5.9125, 0.3439,
0.2771

239.4537, 0.3223,
0.3129

 2.7919, 0.3520,
0.2639

288.7894, 0.3217,

 1.0241, 0.3656,

0.3139

0.2421

344.4750, 0.3212,
0.3147

0.0000, 0.5178,
0.0000

0.0000, 0.0000,
0.0000

55.2595, 0.3281,
0.3032

55.2595, 0.3281,
0.3032

46.1235, 0.3391,
0.2880

65.9191, 0.3189,
0.3180

38.4332, 0.3521,
0.2727

78.1607, 0.3111,
0.3320

32.1151, 0.3671,
0.2582

92.0487, 0.3047,
0.3451

27.0860, 0.3841,
0.2454

94.2069, 0.2994,
0.3378

■ 23.2539, 0.4028,
0.2355

■ 94.7553, 0.2947,
0.3289

■ 20.5142, 0.4226,
0.2296

■ 18.7441, 0.4427,
0.2288

■ 17.7740, 0.4624,
0.2332

■ 17.6099, 0.4667,
0.2345

Harmonies

Analogous

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



55.2595, 0.3024, 0.2905



55.2595, 0.3281, 0.3032



55.2595, 0.3503, 0.3222

Triad

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



55.2595, 0.3281, 0.3032



55.2595, 0.3449, 0.3730



55.2595, 0.2657, 0.3112

Complementary

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



55.2595, 0.3281, 0.3032



68.4543, 0.2998, 0.3563

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.



55.2595, 0.2761, 0.3344



55.2595, 0.3281, 0.3032



55.2595, 0.3215, 0.3715

Square

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



55.2595, 0.3281, 0.3032



55.2595, 0.3601, 0.3623



55.2595, 0.2963, 0.3570



55.2595, 0.2672, 0.2942

Rectangle

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



55.2595, 0.3281, 0.3032



55.2595, 0.3597, 0.3365



55.2595, 0.2963, 0.3570



55.2595, 0.2679, 0.3185

Sweetspot

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



55.2619, 0.3281, 0.3032



91.7889, 0.3166, 0.3220



52.6425, 0.2962, 0.2825



19.4089, 0.3171, 0.3209



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.



55.2619, 0.3281, 0.3032



69.0827, 0.3316, 0.2981



54.3520, 0.3443, 0.3253



13.8320, 0.3203, 0.3156



10.1666, 0.4638, 0.2329



0.7225, 0.4358, 0.2174

Inverse Universe

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



55.2619, 0.3281, 0.3032



69.0827, 0.3316, 0.2981



69.4475, 0.2879, 0.3328



13.8320, 0.3203, 0.3156



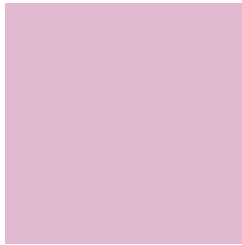
10.1666, 0.4638, 0.2329



0.7225, 0.4358, 0.2174

Previews

White Background



This preview shows how the Yxy color 55.2595, 0.3281, 0.3032 looks on a white background.

Color Contrast Check

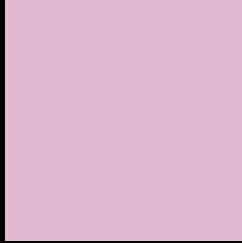
Large Text (above 18pt) WCAG AA × Fail

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 55.2595, 0.3281, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

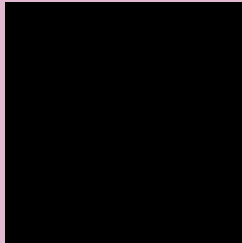
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2595, 0.3281, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 55.2595, 0.3281, 0.3032.



This preview shows how white text looks on a background with the Yxy color 55.2595, 0.3281, 0.3032.

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

55.2595, 0.3281, 0.3032

Protanopia

55.4874, 0.2990, 0.3064

Deuteranopia

55.6155, 0.3168, 0.3104



Tritanopia

55.1822, 0.3328, 0.3121

Trichromacy



Original Color

55.2595, 0.3281, 0.3032

Protanomaly

55.1369, 0.3091, 0.3045

Deuteranomaly

55.4991, 0.3210, 0.3084

Tritanomaly

55.3247, 0.3303, 0.3087

Monochromacy



Original Color

55.2595, 0.3281, 0.3032

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.8973, 0.3179, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2595, 0.3281, 0.3032 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(225, 185, 208)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 208)  
}
```

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(225, 185, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.2595, 0.3281, 0.3032 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(225, 185, 208) }
```

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

```
.border{ border-color:rgb(225, 185, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 208);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2595, 0.3281, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 208) }
```

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

```
.background{ background-color: rgb(225,  
185, 208) }
```

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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