

Converting Colors

Yxy(54.9869, 0.3364, 0.2966)

Have a look what the booklet for
Yxy(54.9869, 0.3364, 0.2966)
contains.

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Color

Yxy(55.1285, 0.3363, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	ECB4D2
RGB	236, 180, 210
RGB Percent	93%, 71%, 82%
CMY	0.0744, 0.2941, 0.1765
CMYK	0.00, 0.24, 0.11, 0.07
HSL	328°, 60%, 82%
HSV	328°, 24%, 93%
XYZ	62.5496, 55.1285, 68.3154
YIQ	200.1640, 23.7460, 21.2020

Conversions

Conversions Part 2

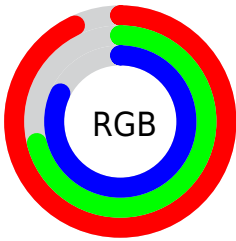
Format	Color
R _Y B	236, 180, 210
Decimal	15512786
CIE Lab	79.12, 24.93, -7.23
CIE LCh	79, 25.956, 343.835
Yxy	55.1285, 0.3363, 0.2964
Android (android.graphics.Color)	4293702866 (0xFFECB4D2)
YUV	200.1640, 4.8491, 31.4282
Hunter-Lab	74.2486, 20.4398, -2.5782

Details

The Yxy color **55.1285, 0.3363, 0.2964** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.1604, 0.2944, 0.3641**, and the grayscale version is **57.8256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **27.2823, 0.3422, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **45.8715, 0.3496, 0.2820**, and if you desaturate by 10%, it is **66.0503, 0.3251, 0.3106**.

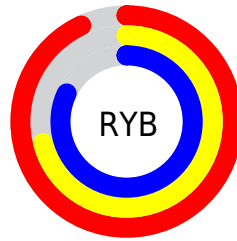
Distribution



Red (93%)

Green (71%)

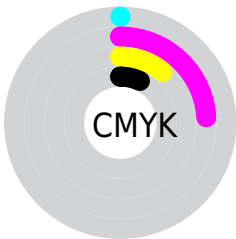
Blue (82%)



Red (93%)

Yellow (71%)

Blue (82%)

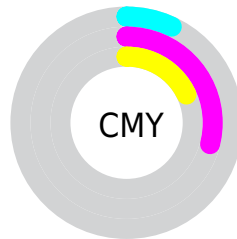


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1285, 0.3363, 0.2964 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 55.1285, 0.3363, 0.2964 by changing the saturation by 10% instead.


 55.1285, 0.3363,
0.2964

 55.1285, 0.3363,
0.2964

406.3988, 0.3250,
0.3118

 39.5046, 0.3390,
0.2928


 97.7292, 0.3323,
0.3018

 27.1525, 0.3423,
0.2883


125.4748, 0.3308,
0.3039

 17.6878, 0.3466,
0.2825


158.0298, 0.3295,
0.3057

 10.7261, 0.3524,
0.2748

195.7785, 0.3284,
0.3073

 5.8830, 0.3605,
0.2641

239.1054, 0.3274,
0.3086

 2.7740, 0.3727,
0.2482

288.3948, 0.3265,

 1.0149, 0.3933,

0.3098

0.2222

344.0311, 0.3257,
0.3109

0.0000, 0.5640,
0.0000

0.0000, 0.0000,
0.0000

55.1285, 0.3363,
0.2964

55.1285, 0.3363,
0.2964

45.8715, 0.3496,
0.2820

66.0503, 0.3251,
0.3106

38.1890, 0.3653,
0.2680

78.7065, 0.3158,
0.3241

31.9933, 0.3833,
0.2553

93.1718, 0.3080,
0.3369

27.1851, 0.4035,
0.2449

96.5015, 0.3018,
0.3301

■ 23.6529, 0.4253,
0.2381

■ 96.5756, 0.3011,
0.3290

■ 21.2675, 0.4480,
0.2361

■ 19.8721, 0.4703,
0.2396

■ 19.3522, 0.4839,
0.2440

Harmonies

Analogous

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



55.1285, 0.3014, 0.2788



55.1285, 0.3363, 0.2964



55.1285, 0.3659, 0.3219

Triad

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



55.1285, 0.3363, 0.2964



55.1285, 0.3536, 0.3894



55.1285, 0.2493, 0.3018

Complementary

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



55.1285, 0.3363, 0.2964



74.1604, 0.2944, 0.3641

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.



55.1285, 0.2617, 0.3330



55.1285, 0.3363, 0.2964



55.1285, 0.3211, 0.3864

Square

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



55.1285, 0.3363, 0.2964



55.1285, 0.3758, 0.3752



55.1285, 0.2875, 0.3652



55.1285, 0.2527, 0.2804

Rectangle

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



55.1285, 0.3363, 0.2964



55.1285, 0.3778, 0.3408



55.1285, 0.2875, 0.3652



55.1285, 0.2517, 0.3114

Sweetspot

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



55.1310, 0.3363, 0.2964



88.6128, 0.3187, 0.3197



51.7079, 0.2911, 0.2655



18.7672, 0.3192, 0.3189



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.



55.1310, 0.3363, 0.2964



60.6403, 0.3419, 0.2901



53.8885, 0.3596, 0.3260



15.1889, 0.3209, 0.3165



10.6921, 0.4806, 0.2421



0.8590, 0.4524, 0.2266

Inverse Universe

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



55.1310, 0.3363, 0.2964



60.6403, 0.3419, 0.2901



75.5988, 0.2792, 0.3321



15.1889, 0.3209, 0.3165



10.6921, 0.4806, 0.2421



0.8590, 0.4524, 0.2266

Previews

White Background



This preview shows how the Yxy color 55.1285, 0.3363, 0.2964 looks on a white background.

Color Contrast Check

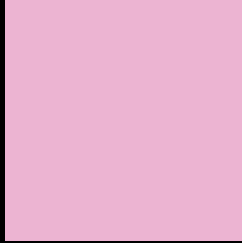
Large Text (above 18pt) WCAG AA × Fail

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 55.1285, 0.3363, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

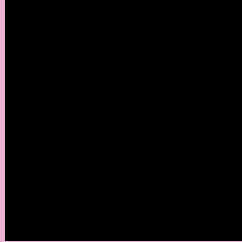
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1285, 0.3363, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 55.1285, 0.3363, 0.2964.



This preview shows how white text looks on a background with the Yxy color 55.1285, 0.3363, 0.2964.

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

55.1285, 0.3363, 0.2964

Protanopia

55.4821, 0.2940, 0.3005

Deuteranopia

55.0826, 0.3153, 0.3081



Tritanopia

54.9338, 0.3460, 0.3136

Trichromacy



Original Color

55.1285, 0.3363, 0.2964

Protanomaly

55.3401, 0.3085, 0.2990

Deuteranomaly

54.7813, 0.3222, 0.3029

Tritanomaly

54.9270, 0.3428, 0.3071

Monochromacy



Original Color

55.1285, 0.3363, 0.2964

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.6457, 0.3206, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1285, 0.3363, 0.2964 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(236, 180, 210)` looks like.

```
.text, #text, p{  
    color:rgb(236, 180, 210)  
}
```

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(236, 180, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 180, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.1285, 0.3363, 0.2964 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(236, 180, 210) }
```

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

```
.border{ border-color:rgb(236, 180, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 180, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 180, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 180, 210);  
box-shadow:4px 4px 4px 4px rgb(236, 180,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1285, 0.3363, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 180, 210) }
```

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

```
.background{ background-color: rgb(236,  
180, 210) }
```

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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