

Converting Colors

Yxy(54.2328, 0.3404, 0.3047)

Have a look what the booklet for
Yxy(54.2328, 0.3404, 0.3047)
contains.

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Color

Yxy(54.2304, 0.3404, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	E9B4CA
RGB	233, 180, 202
RGB Percent	91%, 71%, 79%
CMY	0.0863, 0.2941, 0.2078
CMYK	0.00, 0.23, 0.13, 0.09
HSL	335°, 55%, 81%
HSV	335°, 23%, 91%
XYZ	60.5843, 54.2304, 63.1650
YIQ	198.3550, 24.5260, 18.0780

Conversions

Conversions Part 2

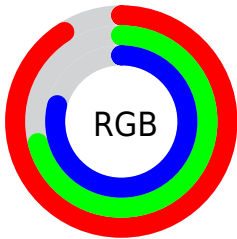
Format	Color
R _Y B	233, 180, 202
Decimal	15316170
CIE Lab	78.60, 22.56, -3.71
CIE LCh	79, 22.867, 350.673
Yxy	54.2304, 0.3404, 0.3047
Android (android.graphics.Color)	4293506250 (0xFFE9B4CA)
YUV	198.3550, 1.7970, 30.3837
Hunter-Lab	73.6413, 17.9787, 0.6936

Details

The Yxy color $54.2304, 0.3404, 0.3047$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $72.6752, 0.2915, 0.3547$, and the grayscale version is $56.6782, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $26.6640, 0.3481, 0.2987$ is the 20% darker color. If you saturate the color by 10%, you get $44.9858, 0.3570, 0.2934$, and if you desaturate by 10%, it is $65.1179, 0.3267, 0.3157$.

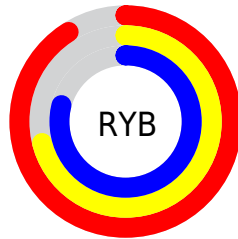
Distribution



Red (91%)

Green (71%)

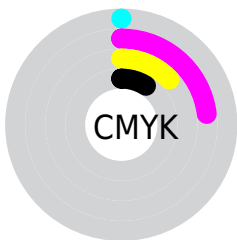
Blue (79%)



Red (91%)

Yellow (71%)

Blue (79%)

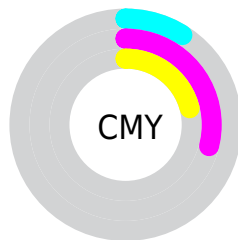


Cyan (0%)

Magenta (23%)

Yellow (13%)

Black (9%)



Cyan (9%)

Magenta (29%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2304, 0.3404, 0.3047 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 54.2304, 0.3404, 0.3047 by changing the saturation by 10% instead.


 54.2304, 0.3404,
0.3047

 54.2304, 0.3404,
0.3047


402.9880, 0.3270,
0.3164

 38.7859, 0.3436,
0.3019

 96.4125, 0.3356,
0.3088

 26.5932, 0.3477,
0.2985


123.9188, 0.3338,
0.3104

 17.2679, 0.3530,
0.2939


156.2145, 0.3323,
0.3118

 10.4257, 0.3601,
0.2879

193.6841, 0.3309,
0.3129

 5.6821, 0.3704,
0.2793

236.7118, 0.3298,
0.3140

 2.6528, 0.3863,
0.2663

285.6821, 0.3287,

 0.9533, 0.4140,

0.3148

0.2442

340.9793, 0.3278,
0.3156

0.0000, 0.8177,
0.0000

0.0000, 0.0000,
0.0000

54.2304, 0.3404,
0.3047

54.2304, 0.3404,
0.3047

44.9858, 0.3570,
0.2934

65.1179, 0.3267,
0.3157

37.2962, 0.3767,
0.2824

77.7158, 0.3154,
0.3262

31.0769, 0.3999,
0.2724

92.0967, 0.3062,
0.3360

26.2317, 0.4264,
0.2644

96.0610, 0.2993,
0.3290

■ 22.6531, 0.4555,
0.2599

■ 20.2173, 0.4857,
0.2599

■ 18.7748, 0.5151,
0.2654

■ 18.1806, 0.5350,
0.2721

Harmonies

Analogous

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



54.2304, 0.3098, 0.2869



54.2304, 0.3404, 0.3047



54.2304, 0.3641, 0.3286

Triad

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



54.2304, 0.3404, 0.3047



54.2304, 0.3431, 0.3833



54.2304, 0.2556, 0.2998

Complementary

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



54.2304, 0.3404, 0.3047



72.6752, 0.2915, 0.3547

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.



54.2304, 0.2636, 0.3260



54.2304, 0.3404, 0.3047



54.2304, 0.3133, 0.3766

Square

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



54.2304, 0.3404, 0.3047



54.2304, 0.3653, 0.3741



54.2304, 0.2844, 0.3549



54.2304, 0.2619, 0.2832

Rectangle

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



54.2304, 0.3404, 0.3047



54.2304, 0.3722, 0.3456



54.2304, 0.2844, 0.3549



54.2304, 0.2567, 0.3077

Sweetspot

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



54.2328, 0.3404, 0.3047



88.4815, 0.3200, 0.3218



52.3646, 0.2977, 0.2694



18.7368, 0.3207, 0.3212



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.



54.2328, 0.3404, 0.3047



61.3350, 0.3473, 0.2997



55.0743, 0.3583, 0.3341



15.1579, 0.3228, 0.3192



10.3410, 0.5311, 0.2699



0.8308, 0.4952, 0.2502

Inverse Universe

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



54.2328, 0.3404, 0.3047



61.3350, 0.3473, 0.2997



71.3877, 0.2787, 0.3238



15.1579, 0.3228, 0.3192



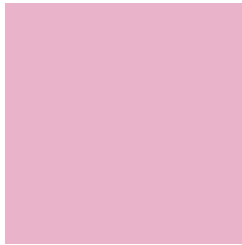
10.3410, 0.5311, 0.2699



0.8308, 0.4952, 0.2502

Previews

White Background



This preview shows how the Yxy color 54.2304, 0.3404, 0.3047 looks on a white background.

Color Contrast Check

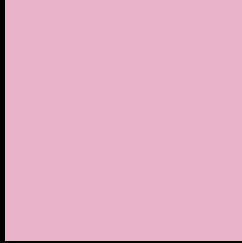
Large Text (above 18pt) WCAG AA × Fail

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 54.2304, 0.3404, 0.3047 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 54.2304, 0.3404, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 54.2304, 0.3404, 0.3047.



This preview shows how white text looks on a background with the Yxy color 54.2304, 0.3404, 0.3047.

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

54.2304, 0.3404, 0.3047

Protanopia

54.7061, 0.3011, 0.3098

Deuteranopia

54.4142, 0.3224, 0.3161



Tritanopia

54.1437, 0.3453, 0.3135

Trichromacy



Original Color

54.2304, 0.3404, 0.3047

Protanomaly

54.3101, 0.3145, 0.3079

Deuteranomaly

54.3949, 0.3286, 0.3118

Tritanomaly

54.2808, 0.3428, 0.3101

Monochromacy



Original Color

54.2304, 0.3404, 0.3047

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.2340, 0.3230, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2304, 0.3404, 0.3047 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(233, 180, 202)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 202)  
}
```

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(233, 180, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 202) }
```

Border

The CSS property to change the border of an element to Yxy 54.2304, 0.3404, 0.3047 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(233, 180, 202) }
```

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

```
.border{ border-color:rgb(233, 180, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 180, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 180, 202);  
box-shadow:4px 4px 4px 4px rgb(233, 180,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2304, 0.3404, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 202) }
```

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

```
.background{ background-color: rgb(233,  
180, 202) }
```

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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