

Converting Colors

$Yxy(54.6689, 0.3418, 0.3092)$

Have a look what the booklet for
Yxy(54.6689, 0.3418, 0.3092)
contains.

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Color

Yxy(54.7818, 0.3409, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	E8B6C8
RGB	232, 182, 200
RGB Percent	91%, 71%, 78%
CMY	0.0904, 0.2862, 0.2157
CMYK	0.00, 0.22, 0.14, 0.09
HSL	338°, 52%, 81%
HSV	338°, 22%, 91%
XYZ	60.4177, 54.7818, 62.0305
YIQ	199.0020, 24.0220, 16.1980

Conversions

Conversions Part 2

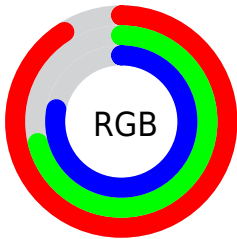
Format	Color
R _Y B	232, 182, 200
Decimal	15251144
CIE Lab	78.92, 20.79, -2.15
CIE LCh	79, 20.904, 354.095
Yxy	54.7818, 0.3409, 0.3091
Android (android.graphics.Color)	4293441224 (0xFFE8B6C8)
YUV	199.0020, 0.4920, 28.9392
Hunter-Lab	74.0147, 16.1826, 2.1204

Details

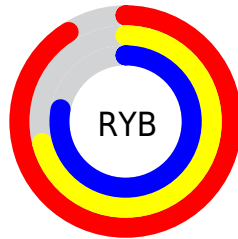
The Yxy color **54.7818, 0.3409, 0.3091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.4838, 0.2909, 0.3499**, and the grayscale version is **57.0996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **27.0059, 0.3488, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **45.3951, 0.3587, 0.2993**, and if you desaturate by 10%, it is **65.8143, 0.3263, 0.3187**.

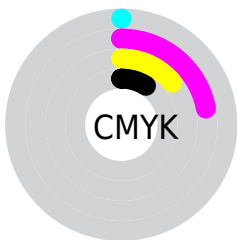
Distribution



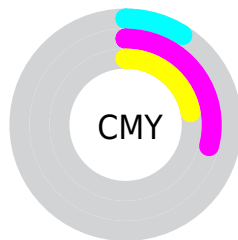
- Red (91%)
- Green (71%)
- Blue (78%)



- Red (91%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (22%)
- Yellow (14%)
- Black (9%)





- Cyan (9%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7818, 0.3409, 0.3091 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 54.7818, 0.3409, 0.3091 by changing the saturation by 10% instead.

 54.7818, 0.3409,
0.3091

 54.7818, 0.3409,
0.3091


405.0843, 0.3272,
0.3187

 39.2271, 0.3442,
0.3068


 97.2212, 0.3360,
0.3125

 26.9364, 0.3483,
0.3039


124.8746, 0.3342,
0.3138

 17.5255, 0.3538,
0.3002


157.3297, 0.3326,
0.3149

 10.6098, 0.3611,
0.2951

194.9709, 0.3312,
0.3159

 5.8051, 0.3717,
0.2879

238.1826, 0.3300,
0.3167

 2.7270, 0.3881,
0.2769

287.3491, 0.3290,

 0.9909, 0.4169,

0.3175

0.2579

342.8548, 0.3281,
0.3181

0.0000, 0.9525,
0.0000

0.0000, 0.0000,
0.0000

54.7818, 0.3409,
0.3091

54.7818, 0.3409,
0.3091

45.3951, 0.3587,
0.2993

65.8143, 0.3263,
0.3187

37.5675, 0.3801,
0.2896

78.5591, 0.3143,
0.3277

31.2155, 0.4054,
0.2809

93.0880, 0.3046,
0.3361

26.2448, 0.4346,
0.2740

95.8863, 0.2987,
0.3290

■ 22.5500, 0.4668,
0.2701

■ 20.0102, 0.5003,
0.2707

■ 18.4811, 0.5326,
0.2763

■ 17.7785, 0.5575,
0.2845

Harmonies

Analogous

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



54.7818, 0.3133, 0.2919



54.7818, 0.3409, 0.3091



54.7818, 0.3612, 0.3315

Triad

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



54.7818, 0.3409, 0.3091



54.7818, 0.3376, 0.3784



54.7818, 0.2605, 0.3003

Complementary

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



54.7818, 0.3409, 0.3091



72.4838, 0.2909, 0.3499

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.



54.7818, 0.2664, 0.3234



54.7818, 0.3409, 0.3091



54.7818, 0.3102, 0.3705

Square

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



54.7818, 0.3409, 0.3091



54.7818, 0.3590, 0.3718



54.7818, 0.2843, 0.3497



54.7818, 0.2677, 0.2862

Rectangle

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



54.7818, 0.3409, 0.3091



54.7818, 0.3674, 0.3469



54.7818, 0.2843, 0.3497



54.7818, 0.2610, 0.3072

Sweetspot

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



54.7843, 0.3409, 0.3091



90.0089, 0.3194, 0.3237



53.5332, 0.3006, 0.2732



19.0431, 0.3202, 0.3231



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.



54.7843, 0.3409, 0.3091



62.3083, 0.3487, 0.3046



56.7846, 0.3547, 0.3366



14.4533, 0.3236, 0.3206



9.8973, 0.5532, 0.2821



0.7487, 0.5129, 0.2599

Inverse Universe

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



54.7843, 0.3409, 0.3091



62.3083, 0.3487, 0.3046



69.7780, 0.2802, 0.3213



14.4533, 0.3236, 0.3206



9.8973, 0.5532, 0.2821



0.7487, 0.5129, 0.2599

Previews

White Background



This preview shows how the Yxy color 54.7818, 0.3409, 0.3091 looks on a white background.

Color Contrast Check

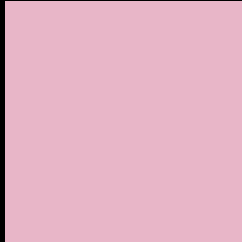
Large Text (above 18pt) WCAG AA × Fail

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 54.7818, 0.3409, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

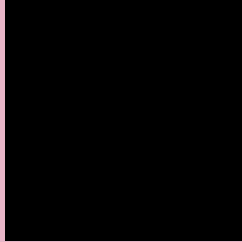
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7818, 0.3409, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 54.7818, 0.3409, 0.3091.



This preview shows how white text looks on a background with the Yxy color 54.7818, 0.3409, 0.3091.

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

54.7818, 0.3409, 0.3091

Protanopia

54.8243, 0.3048, 0.3134

Deuteranopia

55.0966, 0.3247, 0.3185



Tritanopia

55.0540, 0.3433, 0.3135

Trichromacy



Original Color

54.7818, 0.3409, 0.3091

Protanomaly

54.7419, 0.3176, 0.3126

Deuteranomaly

54.8798, 0.3309, 0.3153

Tritanomaly

55.1000, 0.3425, 0.3124

Monochromacy



Original Color

54.7818, 0.3409, 0.3091

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1123, 0.3228, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7818, 0.3409, 0.3091 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, 182, 200)` looks like.

```
.text, #text, p{  
    color:rgb(232, 182, 200)  
}
```

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, 182, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 182, 200) }
```

Border

The CSS property to change the border of an element to Yxy 54.7818, 0.3409, 0.3091 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, 182, 200) }
```

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

```
.border{ border-color:rgb(232, 182, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 182, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 182, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 182, 200);  
box-shadow:4px 4px 4px 4px rgb(232, 182,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7818, 0.3409, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 182, 200) }
```

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

```
.background{ background-color: rgb(232,  
182, 200) }
```

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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