

Converting Colors

Yxy(54.8791, 0.3422, 0.3167)

Have a look what the booklet for
Yxy(54.8791, 0.3422, 0.3167)
contains.

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Color

Yxy(54.8791, 0.3422, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	E5B8C3
RGB	229, 184, 195
RGB Percent	90%, 72%, 76%
CMY	0.1021, 0.2784, 0.2352
CMYK	0.00, 0.20, 0.15, 0.10
HSL	345°, 46%, 81%
HSV	345°, 20%, 90%
XYZ	59.2978, 54.8791, 59.1072
YIQ	198.7090, 23.2890, 12.9610

Conversions

Conversions Part 2

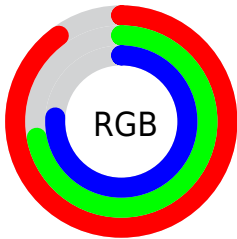
Format	Color
R _Y B	229, 184, 195
Decimal	15055043
CIE Lab	78.97, 17.88, 0.59
CIE LCh	79, 17.888, 1.900
Yxy	54.8791, 0.3422, 0.3167
Android (android.graphics.Color)	4293245123 (0xFFE5B8C3)
YUV	198.7090, -1.8285, 26.5652
Hunter-Lab	74.0804, 13.2400, 4.5500

Details

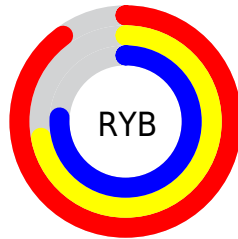
The Yxy color **54.8791, 0.3422, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.2739, 0.2897, 0.3417**, and the grayscale version is **56.9275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6085, 0.3152, 0.3175**, and **27.0399, 0.3506, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **45.3877, 0.3625, 0.3100**, and if you desaturate by 10%, it is **66.0056, 0.3257, 0.3232**.

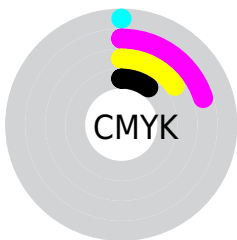
Distribution



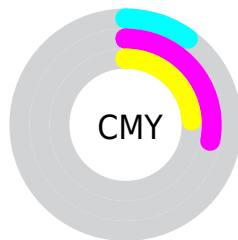
- Red (90%)
- Green (72%)
- Blue (76%)



- Red (90%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8791, 0.3422, 0.3167 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 54.8791, 0.3422, 0.3167 by changing the saturation by 10% instead.


 54.8791, 0.3422,
0.3167

 54.8791, 0.3422,
0.3167


405.4535, 0.3278,
0.3227

 39.3049, 0.3457,
0.3152


 97.3638, 0.3371,
0.3189

 26.9970, 0.3501,
0.3134


125.0431, 0.3351,
0.3197

 17.5710, 0.3558,
0.3109


157.5263, 0.3335,
0.3204

 10.6424, 0.3637,
0.3076

195.1977, 0.3320,
0.3210

 5.8269, 0.3750,
0.3028

238.4417, 0.3308,
0.3215

 2.7401, 0.3927,
0.2952

287.6427, 0.3297,

 0.9976, 0.4243,

0.3220

0.2816

343.1852, 0.3287,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8791, 0.3422,
0.3167

54.8791, 0.3422,
0.3167

45.3877, 0.3625,
0.3100

66.0056, 0.3257,
0.3232

37.4470, 0.3874,
0.3034

78.8318, 0.3123,
0.3292

30.9761, 0.4171,
0.2974

93.4276, 0.3014,
0.3348

25.8841, 0.4517,
0.2929

95.3929, 0.2970,
0.3290

■ 22.0694, 0.4901,
0.2907

■ 19.4167, 0.5296,
0.2921

■ 17.7894, 0.5665,
0.2976

■ 16.9633, 0.5968,
0.3064

■ 16.9388, 0.5978,
0.3067

Harmonies

Analogous

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



54.8791, 0.3197, 0.3003



54.8791, 0.3422, 0.3167



54.8791, 0.3568, 0.3366

Triad

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



54.8791, 0.3422, 0.3167



54.8791, 0.3283, 0.3705



54.8791, 0.2683, 0.3005

Complementary

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



54.8791, 0.3422, 0.3167



71.2739, 0.2897, 0.3417

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.



54.8791, 0.2705, 0.3188



54.8791, 0.3422, 0.3167



54.8791, 0.3045, 0.3605

Square

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



54.8791, 0.3422, 0.3167



54.8791, 0.3484, 0.3682



54.8791, 0.2835, 0.3411



54.8791, 0.2775, 0.2907

Rectangle

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



54.8791, 0.3422, 0.3167



54.8791, 0.3598, 0.3495



54.8791, 0.2835, 0.3411



54.8791, 0.2678, 0.3058

Sweetspot

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



54.8816, 0.3422, 0.3167



89.9016, 0.3205, 0.3254



54.8071, 0.3060, 0.2790



19.0178, 0.3214, 0.3250



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.



54.8816, 0.3422, 0.3167



64.3471, 0.3509, 0.3137



59.2586, 0.3491, 0.3418



14.4256, 0.3254, 0.3233



9.7037, 0.5941, 0.3046



0.7315, 0.5528, 0.2819

Inverse Universe

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



54.8816, 0.3422, 0.3167



64.3471, 0.3509, 0.3137



65.8510, 0.2826, 0.3159



14.4256, 0.3254, 0.3233



9.7037, 0.5941, 0.3046



0.7315, 0.5528, 0.2819

Previews

White Background



This preview shows how the Yxy color 54.8791, 0.3422, 0.3167 looks on a white background.

Color Contrast Check

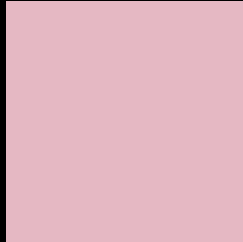
Large Text (above 18pt) WCAG AA × Fail

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 54.8791, 0.3422, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

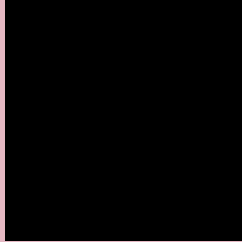
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8791, 0.3422, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 54.8791, 0.3422, 0.3167.



This preview shows how white text looks on a background with the Yxy color 54.8791, 0.3422, 0.3167.

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

54.8791, 0.3422, 0.3167

Protanopia

55.2530, 0.3107, 0.3218

Deuteranopia

54.7373, 0.3304, 0.3232



Tritanopia

55.0162, 0.3397, 0.3134

Trichromacy



Original Color

54.8791, 0.3422, 0.3167

Protanomaly

54.9404, 0.3213, 0.3196

Deuteranomaly

54.6513, 0.3349, 0.3210

Tritanomaly

54.9702, 0.3406, 0.3145

Monochromacy



Original Color

54.8791, 0.3422, 0.3167

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3624, 0.3226, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8791, 0.3422, 0.3167 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(229, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 184, 195)  
}
```

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(229, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.8791, 0.3422, 0.3167 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(229, 184, 195) }
```

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

```
.border{ border-color:rgb(229, 184, 195) }
```

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

Here you see how a box with a 4 pixel rgb(229, 184, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8791, 0.3422, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 184, 195) }
```

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

```
.background{ background-color: rgb(229,  
184, 195) }
```

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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