

Converting Colors

Yxy(54.4803, 0.3471, 0.3135)

Have a look what the booklet for
Yxy(54.4803, 0.3471, 0.3135)
contains.

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Color

Yxy(54.4803, 0.3471, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	EAB5C3
RGB	234, 181, 195
RGB Percent	92%, 71%, 76%
CMY	0.0822, 0.2903, 0.2352
CMYK	0.00, 0.23, 0.17, 0.08
HSL	344°, 56%, 81%
HSV	344°, 23%, 92%
XYZ	60.3193, 54.4803, 58.9812
YIQ	198.4430, 27.0940, 15.5900

Conversions

Conversions Part 2

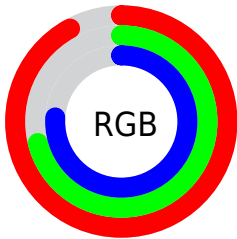
Format	Color
RYB	234, 181, 195
Decimal	15381955
CIELab	78.74, 21.31, 0.31
CIElCh	79, 21.314, 0.837
Yxy	54.4803, 0.3471, 0.3135
Android (android.graphics.Color)	4293572035 (0xFFEAB5C3)
YUV	198.4430, -1.6974, 31.1835
Hunter-Lab	73.8108, 16.7042, 4.2897

Details

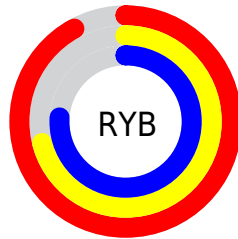
The Yxy color **54.4803, 0.3471, 0.3135** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8615, 0.2869, 0.3451**, and the grayscale version is **56.7575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8566, 0.3154, 0.3145**, and **26.8264, 0.3572, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **45.0176, 0.3682, 0.3062**, and if you desaturate by 10%, it is **65.6364, 0.3299, 0.3206**.

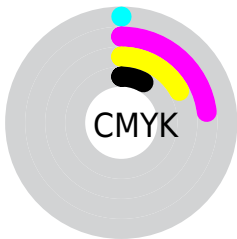
Distribution



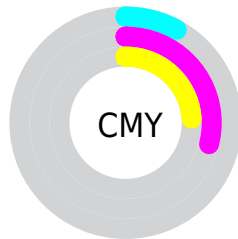
- Red (92%)
- Green (71%)
- Blue (76%)



- Red (92%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (23%)
- Yellow (17%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4803, 0.3471, 0.3135 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 54.4803, 0.3471, 0.3135 by changing the saturation by 10% instead.

 54.4803, 0.3471,
0.3135

 54.4803, 0.3471,
0.3135


403.9389, 0.3303,
0.3211

 38.9858, 0.3512,
0.3117


 96.7791, 0.3411,
0.3162

 26.7487, 0.3563,
0.3093


124.3522, 0.3388,
0.3172

 17.3846, 0.3630,
0.3063


156.7202, 0.3369,
0.3181

 10.5091, 0.3722,
0.3021

194.2676, 0.3352,
0.3189

 5.7378, 0.3854,
0.2961

237.3788, 0.3338,
0.3195

 2.6863, 0.4061,
0.2866

286.4382, 0.3325,

 0.9702, 0.4429,

0.3201

0.2698

341.8301, 0.3314,
0.3206

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4803, 0.3471,
0.3135

54.4803, 0.3471,
0.3135

45.0176, 0.3682,
0.3062

65.6364, 0.3299,
0.3206

37.1581, 0.3937,
0.2992

78.5555, 0.3160,
0.3273

30.8141, 0.4241,
0.2931

93.3126, 0.3047,
0.3335

25.8871, 0.4590,
0.2887

96.2403, 0.3000,
0.3290

■ 22.2662, 0.4971,
0.2872

■ 19.8242, 0.5355,
0.2897

■ 18.4078, 0.5703,
0.2965

■ 17.8474, 0.5919,
0.3034

Harmonies

Analogous

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



54.4803, 0.3199, 0.2944



54.4803, 0.3471, 0.3135



54.4803, 0.3652, 0.3368

Triad

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



54.4803, 0.3471, 0.3135



54.4803, 0.3321, 0.3790



54.4803, 0.2599, 0.2954

Complementary

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



54.4803, 0.3471, 0.3135



73.8615, 0.2869, 0.3451

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.



54.4803, 0.2629, 0.3174



54.4803, 0.3471, 0.3135



54.4803, 0.3038, 0.3676

Square

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



54.4803, 0.3471, 0.3135



54.4803, 0.3559, 0.3754



54.4803, 0.2786, 0.3443



54.4803, 0.2702, 0.2836

Rectangle

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



54.4803, 0.3471, 0.3135



54.4803, 0.3691, 0.3523



54.4803, 0.2786, 0.3443



54.4803, 0.2594, 0.3018

Sweetspot

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



54.4828, 0.3471, 0.3135



88.3185, 0.3217, 0.3244



54.1838, 0.3040, 0.2707



18.6992, 0.3225, 0.3240



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.



54.4828, 0.3471, 0.3135



60.8185, 0.3560, 0.3103



59.1374, 0.3562, 0.3429



15.1195, 0.3251, 0.3228



10.0425, 0.5880, 0.3013



0.8040, 0.5487, 0.2796

Inverse Universe

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



54.4828, 0.3471, 0.3135



60.8185, 0.3560, 0.3103



67.8299, 0.2780, 0.3146



15.1195, 0.3251, 0.3228



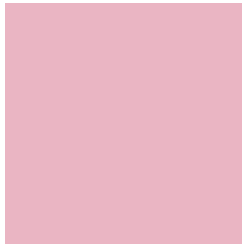
10.0425, 0.5880, 0.3013



0.8040, 0.5487, 0.2796

Previews

White Background



This preview shows how the Yxy color 54.4803, 0.3471, 0.3135 looks on a white background.

Color Contrast Check

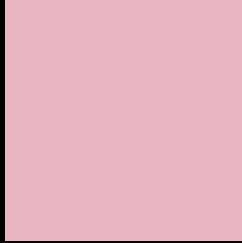
Large Text (above 18pt) WCAG AA × Fail

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 54.4803, 0.3471, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

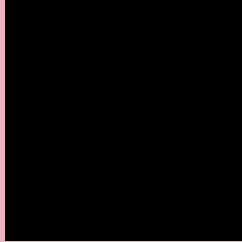
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4803, 0.3471, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 54.4803, 0.3471, 0.3135.



This preview shows how white text looks on a background with the Yxy color 54.4803, 0.3471, 0.3135.

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

54.4803, 0.3471, 0.3135

Protanopia

54.6311, 0.3077, 0.3181

Deuteranopia

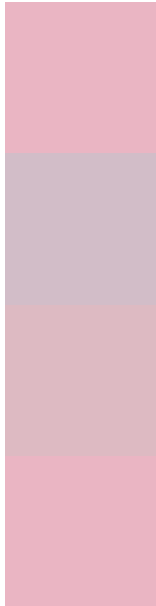
54.5864, 0.3296, 0.3232



Tritanopia

54.4803, 0.3471, 0.3135

Trichromacy



Original Color

54.4803, 0.3471, 0.3135

Protanomaly

54.2670, 0.3215, 0.3161

Deuteranomaly

54.3850, 0.3359, 0.3199

Tritanomaly

54.4803, 0.3471, 0.3135

Monochromacy



Original Color

54.4803, 0.3471, 0.3135

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5794, 0.3244, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4803, 0.3471, 0.3135 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(234, 181, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 181, 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(234, 181, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 181, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.4803, 0.3471, 0.3135 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(234, 181, 195) }
```

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

```
.border{ border-color:rgb(234, 181, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 181, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 181, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 181, 195); box-shadow:4px 4px 4px 4px rgb(234, 181, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4803, 0.3471, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 181, 195) }
```

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

```
.background{ background-color: rgb(234,  
181, 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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