

Converting Colors

Yxy(54.1047, 0.3380, 0.3170)

Have a look what the booklet for
Yxy(54.1047, 0.3380, 0.3170)
contains.

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Color

Yxy(54.0684, 0.3380, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E0B8C3
RGB	224, 184, 195
RGB Percent	88%, 72%, 76%
CMY	0.1214, 0.2785, 0.2353
CMYK	0.00, 0.18, 0.13, 0.12
HSL	344°, 39%, 80%
HSV	344°, 18%, 88%
XYZ	57.7413, 54.0684, 59.0225
YIQ	197.2140, 20.3090, 11.9010

Conversions

Conversions Part 2

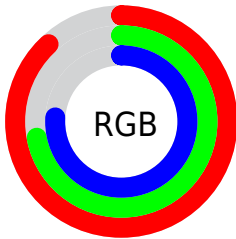
Format	Color
RYB	224, 184, 195
Decimal	14727363
CIELab	78.50, 16.13, -0.14
CIELCh	79, 16.133, 359.505
Yxy	54.0684, 0.3380, 0.3165
Android (android.graphics.Color)	4292917443 (0xFFE0B8C3)
YUV	197.2140, -1.0915, 23.4913
Hunter-Lab	73.5312, 11.4897, 3.8806

Details

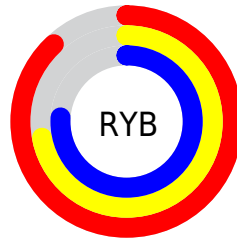
The Yxy color $54.0684, 0.3380, 0.3165$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $68.3299, 0.2924, 0.3419$, and the grayscale version is $55.9718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.6085, 0.3152, 0.3175$, and $26.4805, 0.3447, 0.3140$ is the 20% darker color. If you saturate the color by 10%, you get $44.7936, 0.3568, 0.3090$, and if you desaturate by 10%, it is $64.9020, 0.3227, 0.3237$.

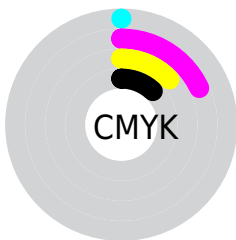
Distribution



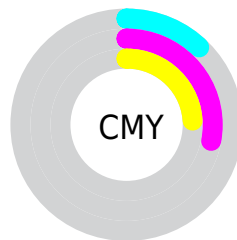
- Red (88%)
- Green (72%)
- Blue (76%)



- Red (88%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (12%)



- Cyan (12%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0684, 0.3380, 0.3165 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 54.0684, 0.3380, 0.3165 by changing the saturation by 10% instead.

 54.0684, 0.3380,
0.3165

 54.0684, 0.3380,
0.3165


402.3708, 0.3257,
0.3226

 38.6563, 0.3410,
0.3150


 96.1747, 0.3336,
0.3187

 26.4925, 0.3448,
0.3131


123.6377, 0.3319,
0.3195

 17.1924, 0.3497,
0.3107


155.8865, 0.3305,
0.3202

 10.3718, 0.3565,
0.3073

193.3054, 0.3293,
0.3208

 5.6462, 0.3663,
0.3025

236.2789, 0.3282,
0.3214

 2.6311, 0.3818,
0.2949

285.1914, 0.3272,

 0.9423, 0.4095,

0.3218

0.2812

340.4272, 0.3264,
0.3222

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0684, 0.3380,
0.3165

54.0684, 0.3380,
0.3165

44.7936, 0.3568,
0.3090

64.9020, 0.3227,
0.3237

36.9986, 0.3797,
0.3016

77.3542, 0.3103,
0.3304

30.6083, 0.4072,
0.2946

91.4906, 0.3002,
0.3366

25.5382, 0.4393,
0.2890

94.5944, 0.2941,
0.3289

■ 21.6946, 0.4754,
0.2857

■ 18.9713, 0.5134,
0.2860

■ 17.2439, 0.5502,
0.2906

■ 16.3397, 0.5818,
0.2993

■ 16.1978, 0.5879,
0.3012

Harmonies

Analogous

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



54.0684, 0.3173, 0.3019



54.0684, 0.3380, 0.3165



54.0684, 0.3520, 0.3345

Triad

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



54.0684, 0.3380, 0.3165



54.0684, 0.3286, 0.3667



54.0684, 0.2721, 0.3043

Complementary

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



54.0684, 0.3380, 0.3165



68.3299, 0.2924, 0.3419

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.



54.0684, 0.2750, 0.3214



54.0684, 0.3380, 0.3165



54.0684, 0.3071, 0.3585

Square

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



54.0684, 0.3380, 0.3165



54.0684, 0.3463, 0.3639



54.0684, 0.2876, 0.3415



54.0684, 0.2797, 0.2946

Rectangle

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



54.0684, 0.3380, 0.3165



54.0684, 0.3553, 0.3464



54.0684, 0.2876, 0.3415



54.0684, 0.2719, 0.3093

Sweetspot

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



54.0708, 0.3380, 0.3165



91.5520, 0.3189, 0.3256



53.7611, 0.3057, 0.2836



19.3514, 0.3198, 0.3251



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.



54.0708, 0.3380, 0.3165



68.2102, 0.3437, 0.3141



57.3076, 0.3455, 0.3390



13.7621, 0.3249, 0.3226



9.4408, 0.5841, 0.2991



0.6693, 0.5399, 0.2748

Inverse Universe

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



54.0708, 0.3380, 0.3165



68.2102, 0.3437, 0.3141



64.3605, 0.2854, 0.3187



13.7621, 0.3249, 0.3226



9.4408, 0.5841, 0.2991



0.6693, 0.5399, 0.2748

Previews

White Background



This preview shows how the Yxy color 54.0684, 0.3380, 0.3165 looks on a white background.

Color Contrast Check

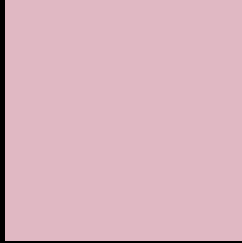
Large Text (above 18pt) WCAG AA × Fail

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 54.0684, 0.3380, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

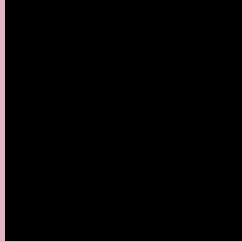
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0684, 0.3380, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 54.0684, 0.3380, 0.3165.



This preview shows how white text looks on a background with the Yxy color 54.0684, 0.3380, 0.3165.

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

54.0684, 0.3380, 0.3165

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

54.0076, 0.3289, 0.3220



Tritanopia

54.2055, 0.3355, 0.3131

Trichromacy



Original Color

54.0684, 0.3380, 0.3165

Protanomaly

54.0259, 0.3197, 0.3195

Deuteranomaly

54.1874, 0.3324, 0.3209

Tritanomaly

54.1595, 0.3363, 0.3143

Monochromacy



Original Color

54.0684, 0.3380, 0.3165

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9502, 0.3219, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0684, 0.3380, 0.3165 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(224, 184, 195)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 184, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 184, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.0684, 0.3380, 0.3165 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(224, 184, 195) }
```

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

```
.border{ border-color:rgb(224, 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(224, 184, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 184, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 184, 195);  
box-shadow:4px 4px 4px 4px rgb(224, 184,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0684, 0.3380, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 184, 195) }
```

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

```
.background{ background-color: rgb(224,  
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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