

Converting Colors

Yxy(54.8684, 0.3365, 0.3374)

Have a look what the booklet for
Yxy(54.8684, 0.3365, 0.3374)
contains.

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Color

Yxy(54.8684, 0.3365, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	D5BFB8
RGB	213, 191, 184
RGB Percent	84%, 75%, 72%
CMY	0.1647, 0.2510, 0.2786
CMYK	0.00, 0.10, 0.14, 0.16
HSL	15°, 26%, 78%
HSV	15°, 14%, 84%
XYZ	54.7220, 54.8684, 53.0308
YIQ	196.7800, 15.3590, 2.4870

Conversions

Conversions Part 2

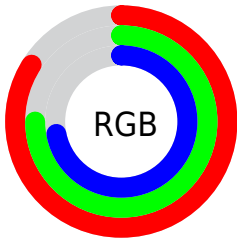
Format	Color
R _Y B	213, 193, 184
Decimal	14008248
CIE Lab	78.97, 6.62, 6.38
CIE LCh	79, 9.191, 43.928
Yxy	54.8684, 0.3365, 0.3374
Android (android.graphics.Color)	4292198328 (0xFFD5BFB8)
YUV	196.7800, -6.3005, 14.2249
Hunter-Lab	74.0732, 2.2399, 9.4041

Details

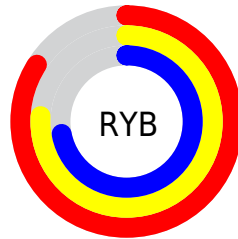
The Yxy color $54.8684, 0.3365, 0.3374$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $59.1165, 0.2918, 0.3204$, and the grayscale version is $55.7276, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.0728, 0.3221, 0.3358$, and $27.0848, 0.3426, 0.3401$ is the 20% darker color. If you saturate the color by 10%, you get $47.3894, 0.3581, 0.3440$, and if you desaturate by 10%, it is $63.2621, 0.3185, 0.3312$.

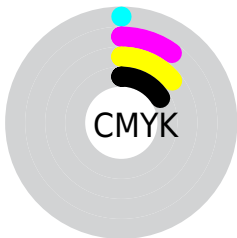
Distribution



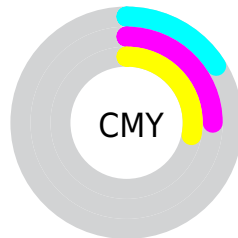
- Red (84%)
- Green (75%)
- Blue (72%)



- Red (84%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (16%)




- Cyan (16%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8684, 0.3365, 0.3374 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 54.8684, 0.3365, 0.3374 by changing the saturation by 10% instead.


 54.8684, 0.3365,
0.3374

 54.8684, 0.3365,
0.3374

405.4129, 0.3249,
0.3334

 39.2964, 0.3393,
0.3383


 97.3481, 0.3323,
0.3360

 26.9904, 0.3429,
0.3395


125.0246, 0.3308,
0.3355

 17.5660, 0.3476,
0.3410


157.5047, 0.3294,
0.3350

 10.6388, 0.3541,
0.3429

195.1727, 0.3282,
0.3346

 5.8245, 0.3634,
0.3457

238.4132, 0.3272,
0.3343

 2.7387, 0.3781,
0.3497

287.6104, 0.3264,

 0.9969, 0.4099,

0.3339

0.3605

343.1489, 0.3256,
0.3337

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8684, 0.3365,
0.3374

54.8684, 0.3365,
0.3374

47.3894, 0.3581,
0.3440

63.2621, 0.3185,
0.3312

40.7868, 0.3838,
0.3508

72.5927, 0.3035,
0.3254

35.0302, 0.4141,
0.3573

82.8908, 0.2910,
0.3201

30.0848, 0.4489,
0.3630

92.8880, 0.2877,
0.3289

■ 25.9132, 0.4873,
0.3669

■ 22.4748, 0.5271,
0.3681

■ 19.7255, 0.5645,
0.3654

■ 17.6153, 0.5953,
0.3587

■ 16.5737, 0.6108,
0.3532

Harmonies

Analogous

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



54.8684, 0.3314, 0.3269



54.8684, 0.3365, 0.3374



54.8684, 0.3350, 0.3460

Triad

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



54.8684, 0.3365, 0.3374



54.8684, 0.3039, 0.3414



54.8684, 0.2979, 0.3084

Complementary

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



54.8684, 0.3365, 0.3374



59.1165, 0.2918, 0.3204

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.



54.8684, 0.2908, 0.3118



54.8684, 0.3365, 0.3374



54.8684, 0.2943, 0.3308

Square

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



54.8684, 0.3365, 0.3374



54.8684, 0.3161, 0.3486



54.8684, 0.2895, 0.3199



54.8684, 0.3090, 0.3104

Rectangle

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



54.8684, 0.3365, 0.3374



54.8684, 0.3306, 0.3494



54.8684, 0.2895, 0.3199



54.8684, 0.2950, 0.3089

Sweetspot

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



54.8708, 0.3365, 0.3374



94.5294, 0.3192, 0.3314



52.8796, 0.3196, 0.3031



20.0185, 0.3204, 0.3319



0.0000, 0.0000, 0.0000



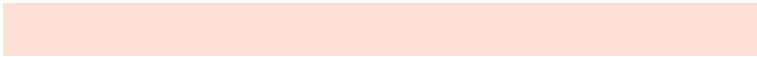
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.8708, 0.3365, 0.3374



79.4875, 0.3416, 0.3390



61.3964, 0.3342, 0.3539



12.9050, 0.3285, 0.3347



10.2572, 0.6084, 0.3552



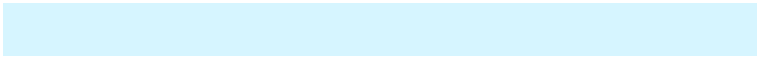
0.7495, 0.5741, 0.3824

Inverse Universe

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



59.1165, 0.2918, 0.3204



86.9148, 0.2880, 0.3187



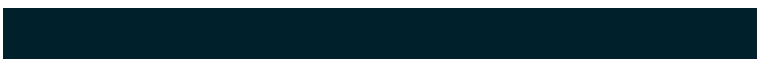
52.5607, 0.2913, 0.3028



13.5738, 0.2982, 0.3232



18.7448, 0.2025, 0.2491



1.2557, 0.2068, 0.2645

Previews

White Background



This preview shows how the Yxy color 54.8684, 0.3365, 0.3374 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 54.8684, 0.3365, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

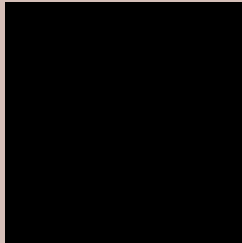
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8684, 0.3365, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 54.8684, 0.3365, 0.3374.



This preview shows how white text looks on a background with the Yxy color 54.8684, 0.3365, 0.3374.

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

54.8684, 0.3365, 0.3374

Protanopia

54.9929, 0.3243, 0.3400

Deuteranopia

54.9160, 0.3419, 0.3349



Tritanopia

54.8772, 0.3242, 0.3117

Trichromacy



Original Color

54.8684, 0.3365, 0.3374

Protanomaly

55.0655, 0.3285, 0.3399

Deuteranomaly

55.0393, 0.3400, 0.3361

Tritanomaly

54.8278, 0.3288, 0.3209

Monochromacy



Original Color

54.8684, 0.3365, 0.3374

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5325, 0.3214, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8684, 0.3365, 0.3374 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(213, 191, 184)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 184)  
}
```

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(213, 191, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 184) }
```

Border

The CSS property to change the border of an element to Yxy 54.8684, 0.3365, 0.3374 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(213, 191, 184) }
```

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

```
.border{ border-color:rgb(213, 191, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 184);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8684, 0.3365, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 184) }
```

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

```
.background{ background-color: rgb(213,  
191, 184) }
```

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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