

Converting Colors

$Yxy(55.0382, 0.3278, 0.3276)$

Have a look what the booklet for
Yxy(55.0382, 0.3278, 0.3276)
contains.

Yxy(54.9607, 0.3276, 0.3267)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.9607, 0.3276, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D3BFC1
RGB	211, 191, 193
RGB Percent	83%, 75%, 76%
CMY	0.1727, 0.2509, 0.2431
CMYK	0.00, 0.09, 0.09, 0.17
HSL	354°, 18%, 79%
HSV	354°, 9%, 83%
XYZ	55.1121, 54.9607, 58.1571
YIQ	197.2080, 11.2780, 4.8620

Conversions

Conversions Part 2

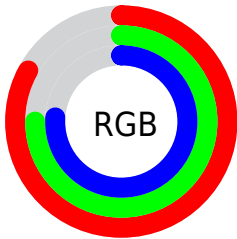
Format	Color
R_{YB}	211, 191, 193
Decimal	13877185
CIE Lab	79.02, 7.38, 1.55
CIE LCh	79, 7.538, 11.889
Yxy	54.9607, 0.3276, 0.3267
Android (android.graphics.Color)	4292067265 (0xFFD3BFC1)
YUV	197.2080, -2.0745, 12.0956
Hunter-Lab	74.1355, 2.9593, 5.3836

Details

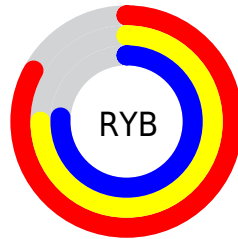
The Yxy color $54.9607, 0.3276, 0.3267$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $62.2502, 0.2995, 0.3313$, and the grayscale version is $55.9735, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.6211, 0.3166, 0.3271$, and $27.1383, 0.3306, 0.3259$ is the 20% darker color. If you saturate the color by 10%, you get $45.6197, 0.3471, 0.3241$, and if you desaturate by 10%, it is $65.7408, 0.3119, 0.3291$.

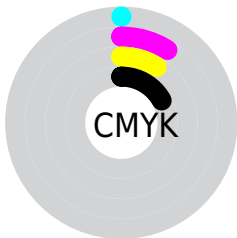
Distribution



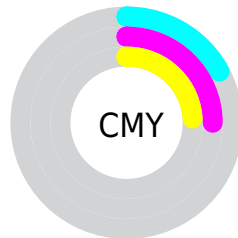
- Red (83%)
- Green (75%)
- Blue (76%)



- Red (83%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9607, 0.3276, 0.3267 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 54.9607, 0.3276, 0.3267 by changing the saturation by 10% instead.


 54.9607, 0.3276,
0.3267

 54.9607, 0.3276,
0.3267


405.7629, 0.3203,
0.3279

 39.3703, 0.3294,
0.3264


 97.4834, 0.3250,
0.3271

 27.0479, 0.3316,
0.3260


125.1844, 0.3240,
0.3273

 17.6092, 0.3345,
0.3256


157.6911, 0.3232,
0.3274

 10.6698, 0.3385,
0.3249

195.3878, 0.3225,
0.3275

 5.8452, 0.3443,
0.3239

238.6589, 0.3218,
0.3276

 2.7512, 0.3534,
0.3222

287.8889, 0.3213,

 1.0033, 0.3698,

0.3277

0.3190

343.4621, 0.3208,
0.3278

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9607, 0.3276,
0.3267

54.9607, 0.3276,
0.3267

45.6197, 0.3471,
0.3241

65.7408, 0.3119,
0.3291

37.6500, 0.3713,
0.3214

78.0095, 0.2994,
0.3314

30.9891, 0.4011,
0.3188

91.8231, 0.2892,
0.3334

25.5671, 0.4369,
0.3166

92.5831, 0.2866,
0.3289

■ 21.3074, 0.4784,
0.3151

■ 18.1248, 0.5233,
0.3149

■ 15.9227, 0.5673,
0.3165

■ 14.5869, 0.6041,
0.3199

■ 13.9263, 0.6287,
0.3242

Harmonies

Analogous

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



54.9607, 0.3191, 0.3187



54.9607, 0.3276, 0.3267



54.9607, 0.3321, 0.3354

Triad

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



54.9607, 0.3276, 0.3267



54.9607, 0.3162, 0.3452



54.9607, 0.2945, 0.3152

Complementary

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



54.9607, 0.3276, 0.3267



62.2502, 0.2995, 0.3313

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.



54.9607, 0.2938, 0.3221



54.9607, 0.3276, 0.3267



54.9607, 0.3062, 0.3396

Square

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



54.9607, 0.3276, 0.3267



54.9607, 0.3254, 0.3463



54.9607, 0.2980, 0.3311



54.9607, 0.3000, 0.3121

Rectangle

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



54.9607, 0.3276, 0.3267



54.9607, 0.3321, 0.3405



54.9607, 0.2980, 0.3311



54.9607, 0.2937, 0.3172

Sweetspot

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



54.9631, 0.3276, 0.3267



94.7800, 0.3172, 0.3283



55.5212, 0.3122, 0.3059



19.9958, 0.3184, 0.3281



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.



54.9631, 0.3276, 0.3267



81.8695, 0.3306, 0.3263



58.4503, 0.3282, 0.3384



11.8271, 0.3275, 0.3267



8.3975, 0.6276, 0.3231



0.4762, 0.5936, 0.3044

Inverse Universe

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



54.9631, 0.3276, 0.3267



81.8695, 0.3306, 0.3263



58.4842, 0.2982, 0.3194



11.8271, 0.3275, 0.3267



8.3975, 0.6276, 0.3231



0.4762, 0.5936, 0.3044

Previews

White Background



This preview shows how the Yxy color 54.9607, 0.3276, 0.3267 looks on a white background.

Color Contrast Check

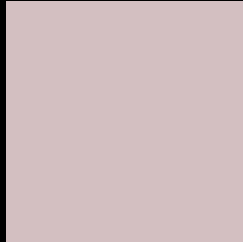
Large Text (above 18pt) WCAG AA × Fail

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 54.9607, 0.3276, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

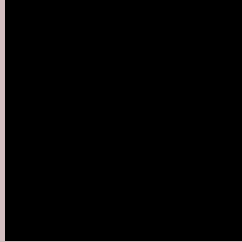
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9607, 0.3276, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 54.9607, 0.3276, 0.3267.



This preview shows how white text looks on a background with the Yxy color 54.9607, 0.3276, 0.3267.

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

54.9607, 0.3276, 0.3267

Protanopia

55.1125, 0.3159, 0.3290

Deuteranopia

54.6925, 0.3312, 0.3244



Tritanopia

54.9010, 0.3209, 0.3116

Trichromacy



Original Color

54.9607, 0.3276, 0.3267

Protanomaly

55.1751, 0.3200, 0.3290

Deuteranomaly

54.9733, 0.3303, 0.3255

Tritanomaly

54.9941, 0.3231, 0.3173

Monochromacy



Original Color

54.9607, 0.3276, 0.3267

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5723, 0.3176, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9607, 0.3276, 0.3267 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(211, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(211, 191, 193)  
}
```

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(211, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 191, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.9607, 0.3276, 0.3267 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(211, 191, 193) }
```

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

```
.border{ border-color:rgb(211, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(211, 191,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9607, 0.3276, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 191, 193) }
```

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

```
.background{ background-color: rgb(211,  
191, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor