

Converting Colors

Yxy(54.5541, 0.3274, 0.3213)

Have a look what the booklet for
Yxy(54.5541, 0.3274, 0.3213)
contains.

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Color

Yxy(54.5268, 0.3272, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	D5BDC4
RGB	213, 189, 196
RGB Percent	84%, 74%, 77%
CMY	0.1645, 0.2589, 0.2313
CMYK	0.00, 0.11, 0.08, 0.16
HSL	342°, 22%, 79%
HSV	342°, 11%, 84%
XYZ	55.6146, 54.5268, 59.8299
YIQ	196.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

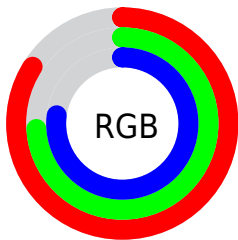
Format	Color
R _Y B	213, 189, 196
Decimal	14007748
CIE Lab	78.77, 9.72, -0.42
CIE LCh	79, 9.729, 357.523
Yxy	54.5268, 0.3272, 0.3208
Android (android.graphics.Color)	4292197828 (0xFFD5BDC4)
YUV	196.9740, -0.4802, 14.0548
Hunter-Lab	73.8423, 5.2141, 3.6505

Details

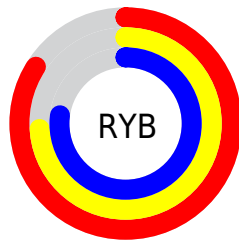
The Yxy color **54.5268, 0.3272, 0.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8883, 0.3000, 0.3374**, and the grayscale version is **55.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6567, 0.3144, 0.3213**, and **26.8304, 0.3311, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **45.3751, 0.3432, 0.3131**, and if you desaturate by 10%, it is **65.0986, 0.3142, 0.3281**.

Distribution



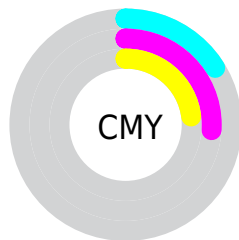
- Red (84%)
- Green (74%)
- Blue (77%)



- Red (84%)
- Yellow (74%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5268, 0.3272, 0.3208 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 54.5268, 0.3272, 0.3208 by changing the saturation by 10% instead.

 54.5268, 0.3272,
0.3208

 54.5268, 0.3272,
0.3208

404.1157, 0.3202,
0.3248

 39.0230, 0.3289,
0.3198


 96.8473, 0.3247,
0.3222

 26.7776, 0.3311,
0.3186


124.4328, 0.3237,
0.3228

 17.4063, 0.3339,
0.3170


156.8143, 0.3229,
0.3232

 10.5246, 0.3378,
0.3148

194.3762, 0.3222,
0.3236

 5.7481, 0.3433,
0.3117

237.5029, 0.3216,
0.3240

 2.6925, 0.3521,
0.3068

286.5787, 0.3211,

 0.9734, 0.3679,

0.3243

0.2980

341.9882, 0.3206,
0.3246

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5268, 0.3272,
0.3208

54.5268, 0.3272,
0.3208

45.3751, 0.3432,
0.3131

65.0986, 0.3142,
0.3281

37.5758, 0.3627,
0.3051

77.1402, 0.3036,
0.3349

31.0664, 0.3863,
0.2973

90.7076, 0.2950,
0.3411

25.7766, 0.4145,
0.2903

92.8938, 0.2878,
0.3289

■ 21.6296, 0.4470,
0.2849

■ 18.5393, 0.4829,
0.2823

■ 16.4078, 0.5199,
0.2836

■ 15.1179, 0.5548,
0.2896

■ 14.5048, 0.5813,
0.2976

Harmonies

Analogous

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



54.5268, 0.3147, 0.3120



54.5268, 0.3272, 0.3208



54.5268, 0.3358, 0.3319

Triad

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



54.5268, 0.3272, 0.3208



54.5268, 0.3232, 0.3515



54.5268, 0.2880, 0.3149

Complementary

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



54.5268, 0.3272, 0.3208



62.8883, 0.3000, 0.3374

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.



54.5268, 0.2901, 0.3254



54.5268, 0.3272, 0.3208



54.5268, 0.3103, 0.3470

Square

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



54.5268, 0.3272, 0.3208



54.5268, 0.3334, 0.3497



54.5268, 0.2983, 0.3373



54.5268, 0.2922, 0.3084

Rectangle

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



54.5268, 0.3272, 0.3208



54.5268, 0.3381, 0.3391



54.5268, 0.2983, 0.3373



54.5268, 0.2880, 0.3181

Sweetspot

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



54.5292, 0.3272, 0.3208



94.8720, 0.3163, 0.3269



54.2933, 0.3082, 0.3009



20.0205, 0.3173, 0.3263



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.



54.5292, 0.3272, 0.3208



77.7781, 0.3314, 0.3186



56.3213, 0.3321, 0.3347



12.4799, 0.3246, 0.3222



8.8709, 0.5775, 0.2955



0.5494, 0.5276, 0.2680

Inverse Universe

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



54.5292, 0.3272, 0.3208



77.7781, 0.3314, 0.3186



60.8517, 0.2954, 0.3232



12.4799, 0.3246, 0.3222



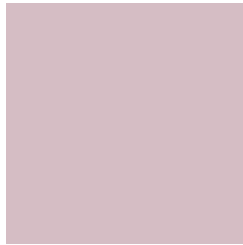
8.8709, 0.5775, 0.2955



0.5494, 0.5276, 0.2680

Previews

White Background



This preview shows how the Yxy color 54.5268, 0.3272, 0.3208 looks on a white background.

Color Contrast Check

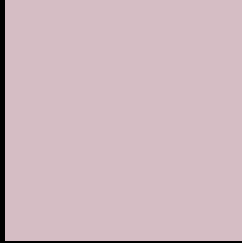
Large Text (above 18pt) WCAG AA × Fail

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 54.5268, 0.3272, 0.3208 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 54.5268, 0.3272, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 54.5268, 0.3272, 0.3208.



This preview shows how white text looks on a background with the Yxy color 54.5268, 0.3272, 0.3208.

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

54.5268, 0.3272, 0.3208

Protanopia

54.5774, 0.3114, 0.3229

Deuteranopia

54.5268, 0.3272, 0.3208



Tritanopia

54.5744, 0.3226, 0.3116

Trichromacy



Original Color

54.5268, 0.3272, 0.3208

Protanomaly

54.4730, 0.3171, 0.3218

Deuteranomaly

54.5268, 0.3272, 0.3208

Tritanomaly

54.4327, 0.3250, 0.3151

Monochromacy



Original Color

54.5268, 0.3272, 0.3208

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3113, 0.3177, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5268, 0.3272, 0.3208 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, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(213, 189, 196)  
}
```

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, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 189, 196) }
```

Border

The CSS property to change the border of an element to Yxy 54.5268, 0.3272, 0.3208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

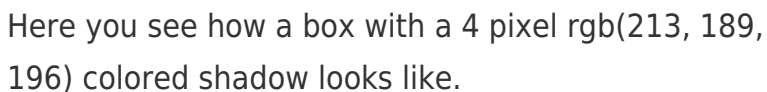
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 189, 196) }
```

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

```
.border{ border-color:rgb(213, 189, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 189, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 189, 196); box-shadow:4px 4px 4px 4px rgb(213, 189, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5268, 0.3272, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 189, 196) }
```

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

```
.background{ background-color: rgb(213,  
189, 196) }
```

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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