

Converting Colors

Yxy(54.6570, 0.3228, 0.3231)

Have a look what the booklet for
Yxy(54.6570, 0.3228, 0.3231)
contains.

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Color

Yxy(54.6570, 0.3228, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	D0BFC4
RGB	208, 191, 196
RGB Percent	82%, 75%, 77%
CMY	0.1843, 0.2510, 0.2313
CMYK	0.00, 0.08, 0.06, 0.18
HSL	342°, 15%, 78%
HSV	342°, 8%, 82%
XYZ	54.6063, 54.6570, 59.9011
YIQ	196.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

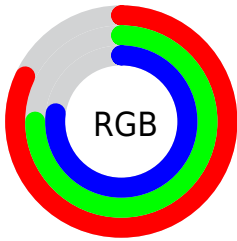
Format	Color
R _Y B	208, 191, 196
Decimal	13680580
CIE Lab	78.84, 6.85, -0.36
CIE LCh	79, 6.862, 357.031
Yxy	54.6570, 0.3228, 0.3231
Android (android.graphics.Color)	4291870660 (0xFFD0BFC4)
YUV	196.6530, -0.3219, 9.9513
Hunter-Lab	73.9304, 2.4650, 3.7123

Details

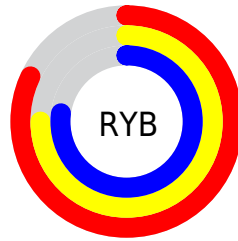
The Yxy color **54.6570, 0.3228, 0.3231** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4974, 0.3035, 0.3350**, and the grayscale version is **55.6140, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8734, 0.3143, 0.3233**, and **27.0000, 0.3263, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **45.5862, 0.3377, 0.3155**, and if you desaturate by 10%, it is **65.0863, 0.3107, 0.3303**.

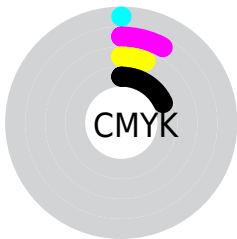
Distribution



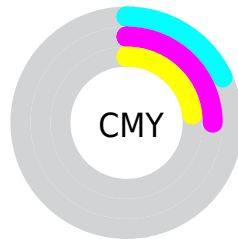
- Red (82%)
- Green (75%)
- Blue (77%)



- Red (82%)
- Yellow (75%)
- Blue (77%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (18%)




- Cyan (18%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6570, 0.3228, 0.3231 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 54.6570, 0.3228, 0.3231 by changing the saturation by 10% instead.

 54.6570, 0.3228,
0.3231

 54.6570, 0.3228,
0.3231


404.6104, 0.3179,
0.3260

 39.1272, 0.3240,
0.3224


 97.0382, 0.3210,
0.3241

 26.8587, 0.3255,
0.3215

124.6584, 0.3204,
0.3245

 17.4671, 0.3275,
0.3204


157.0775, 0.3198,
0.3249

 10.5681, 0.3301,
0.3188

194.6799, 0.3193,
0.3251

 5.7772, 0.3340,
0.3165

237.8500, 0.3189,
0.3254

 2.7101, 0.3401,
0.3130

286.9722, 0.3185,

 0.9823, 0.3511,

0.3256

0.3067

342.4309, 0.3182,
0.3258

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6570, 0.3228,
0.3231

54.6570, 0.3228,
0.3231

45.5862, 0.3377,
0.3155

65.0863, 0.3107,
0.3303

37.8107, 0.3559,
0.3075

76.9194, 0.3008,
0.3369

31.2731, 0.3781,
0.2995

90.2085, 0.2927,
0.3430

25.9090, 0.4047,
0.2921

92.1300, 0.2851,
0.3292

■ 21.6480, 0.4357,
0.2860

■ 92.1490, 0.2849,
0.3289

■ 18.4120, 0.4705,
0.2824

■ 16.1128, 0.5073,
0.2823

■ 14.6467, 0.5432,
0.2867

■ 13.8613, 0.5748,
0.2953

Harmonies

Analogous

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



54.6570, 0.3140, 0.3168



54.6570, 0.3228, 0.3231



54.6570, 0.3289, 0.3310

Triad

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



54.6570, 0.3228, 0.3231



54.6570, 0.3203, 0.3448



54.6570, 0.2952, 0.3192

Complementary

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



54.6570, 0.3228, 0.3231



60.4974, 0.3035, 0.3350

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.



54.6570, 0.2968, 0.3267



54.6570, 0.3228, 0.3231



54.6570, 0.3112, 0.3417

Square

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



54.6570, 0.3228, 0.3231



54.6570, 0.3274, 0.3436



54.6570, 0.3026, 0.3350



54.6570, 0.2982, 0.3145

Rectangle

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



54.6570, 0.3228, 0.3231



54.6570, 0.3306, 0.3361



54.6570, 0.3026, 0.3350



54.6570, 0.2952, 0.3215

Sweetspot

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



54.6594, 0.3228, 0.3231



96.5595, 0.3151, 0.3276



54.5003, 0.3096, 0.3089



20.7037, 0.3149, 0.3276



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.



54.6594, 0.3228, 0.3231



83.6907, 0.3255, 0.3216



55.9345, 0.3263, 0.3331



11.8647, 0.3245, 0.3222



8.5843, 0.5765, 0.2950



0.4939, 0.5233, 0.2656

Inverse Universe

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



54.6594, 0.3228, 0.3231



83.6907, 0.3255, 0.3216



59.1008, 0.3002, 0.3249



11.8647, 0.3245, 0.3222



8.5843, 0.5765, 0.2950



0.4939, 0.5233, 0.2656

Previews

White Background



This preview shows how the Yxy color 54.6570, 0.3228, 0.3231 looks on a white background.

Color Contrast Check

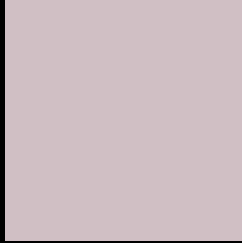
Large Text (above 18pt) WCAG AA × Fail

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 54.6570, 0.3228, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

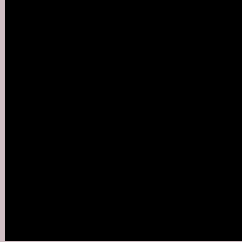
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.6570, 0.3228, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 54.6570, 0.3228, 0.3231.



This preview shows how white text looks on a background with the Yxy color 54.6570, 0.3228, 0.3231.

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

54.6570, 0.3228, 0.3231

Protanopia

54.6666, 0.3129, 0.3242

Deuteranopia

54.5268, 0.3272, 0.3208



Tritanopia

54.7900, 0.3168, 0.3115

Trichromacy



Original Color

54.6570, 0.3228, 0.3231

Protanomaly

54.7277, 0.3170, 0.3242

Deuteranomaly

54.6613, 0.3254, 0.3220

Tritanomaly

54.6465, 0.3191, 0.3149

Monochromacy



Original Color

54.6570, 0.3228, 0.3231

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.4789, 0.3160, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6570, 0.3228, 0.3231 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(208, 191, 196)` looks like.

```
.text, #text, p{  
    color:rgb(208, 191, 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(208, 191, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 191, 196) }
```

Border

The CSS property to change the border of an element to Yxy 54.6570, 0.3228, 0.3231 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(208, 191, 196) }
```

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

```
.border{ border-color:rgb(208, 191, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 191, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 191, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 191, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 191,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6570, 0.3228, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 191, 196) }
```

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

```
.background{ background-color: rgb(208,  
191, 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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