

Converting Colors

$Yxy(56.6229, 0.3254, 0.3241)$

Have a look what the booklet for
Yxy(56.6229, 0.3254, 0.3241)
contains.

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Color

Yxy(56.8069, 0.3251, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	D5C2C6
RGB	213, 194, 198
RGB Percent	84%, 76%, 78%
CMY	0.1646, 0.2392, 0.2236
CMYK	0.00, 0.09, 0.07, 0.16
HSL	347°, 18%, 80%
HSV	347°, 9%, 84%
XYZ	56.9295, 56.8069, 61.3774
YIQ	200.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

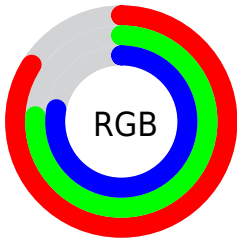
Format	Color
R _Y B	213, 194, 198
Decimal	14009030
CIE Lab	80.07, 7.37, 0.43
CIE LCh	80, 7.387, 3.304
Yxy	56.8069, 0.3251, 0.3244
Android (android.graphics.Color)	4292199110 (0xFFD5C2C6)
YUV	200.1370, -1.0535, 11.2809
Hunter-Lab	75.3704, 2.9283, 4.4768

Details

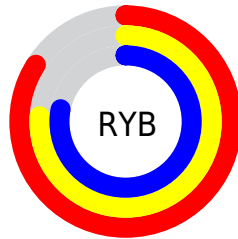
The Yxy color **56.8069, 0.3251, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6781, 0.3016, 0.3337**, and the grayscale version is **57.8522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **28.0389, 0.3283, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **47.2625, 0.3421, 0.3189**, and if you desaturate by 10%, it is **67.8020, 0.3114, 0.3295**.

Distribution



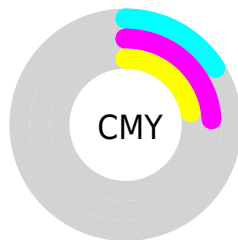
- Red (84%)
- Green (76%)
- Blue (78%)



- Red (84%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8069, 0.3251, 0.3244 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 56.8069, 0.3251, 0.3244 by changing the saturation by 10% instead.


 56.8069, 0.3251,
0.3244

 56.8069, 0.3251,
0.3244


412.7253, 0.3191,
0.3266

 40.8502, 0.3265,
0.3239

 100.1834, 0.3230,
0.3252

 28.2021, 0.3284,
0.3232


128.3720, 0.3222,
0.3255

 18.4780, 0.3307,
0.3223

161.4067, 0.3215,
0.3258

 11.2937, 0.3340,
0.3211

199.6718, 0.3209,
0.3260

 6.2648, 0.3386,
0.3193

243.5519, 0.3203,
0.3262

 3.0067, 0.3458,
0.3166

293.4312, 0.3199,

 1.1353, 0.3585,

0.3264

0.3117

349.6943, 0.3195,
0.3265

0.0078, 0.9598,
0.0402

0.0000, 0.0000,
0.0000

56.8069, 0.3251,
0.3244

56.8069, 0.3251,
0.3244

47.2625, 0.3421,
0.3189

67.8020, 0.3114,
0.3295

39.1009, 0.3630,
0.3132

80.2971, 0.3003,
0.3343

32.2600, 0.3885,
0.3076

92.4800, 0.2912,
0.3356

26.6700, 0.4193,
0.3025

92.8905, 0.2877,
0.3289

■ 22.2547, 0.4551,
0.2986

■ 18.9293, 0.4949,
0.2969

■ 16.5980, 0.5360,
0.2982

■ 15.1477, 0.5738,
0.3032

■ 14.4000, 0.6042,
0.3110

Harmonies

Analogous

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



56.8069, 0.3162, 0.3172



56.8069, 0.3251, 0.3244



56.8069, 0.3307, 0.3328

Triad

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



56.8069, 0.3251, 0.3244



56.8069, 0.3188, 0.3455



56.8069, 0.2944, 0.3173

Complementary

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



56.8069, 0.3251, 0.3244



63.6781, 0.3016, 0.3337

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.



56.8069, 0.2951, 0.3247



56.8069, 0.3251, 0.3244



56.8069, 0.3091, 0.3412

Square

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



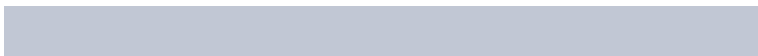
56.8069, 0.3251, 0.3244



56.8069, 0.3270, 0.3451



56.8069, 0.3004, 0.3336



56.8069, 0.2985, 0.3131

Rectangle

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



56.8069, 0.3251, 0.3244



56.8069, 0.3318, 0.3381



56.8069, 0.3004, 0.3336



56.8069, 0.2940, 0.3195

Sweetspot

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



56.8094, 0.3251, 0.3244



94.8323, 0.3167, 0.3275



56.9297, 0.3105, 0.3070



20.0098, 0.3178, 0.3271



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.



56.8094, 0.3251, 0.3244



82.0437, 0.3285, 0.3232



59.0720, 0.3275, 0.3353



12.4629, 0.3258, 0.3241



8.7669, 0.6037, 0.3100



0.5411, 0.5551, 0.2832

Inverse Universe

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



56.8094, 0.3251, 0.3244



82.0437, 0.3285, 0.3232



61.2096, 0.2990, 0.3226



12.4629, 0.3258, 0.3241



8.7669, 0.6037, 0.3100



0.5411, 0.5551, 0.2832

Previews

White Background



This preview shows how the Yxy color 56.8069, 0.3251, 0.3244 looks on a white background.

Color Contrast Check

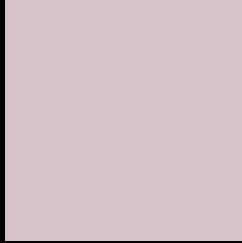
Large Text (above 18pt) WCAG AA × Fail

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 56.8069, 0.3251, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

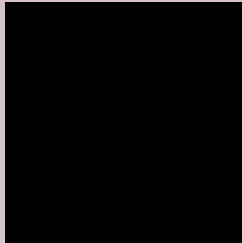
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8069, 0.3251, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 56.8069, 0.3251, 0.3244.



This preview shows how white text looks on a background with the Yxy color 56.8069, 0.3251, 0.3244.

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

56.8069, 0.3251, 0.3244

Protanopia

57.1149, 0.3144, 0.3266

Deuteranopia

56.6819, 0.3294, 0.3221



Tritanopia

56.5495, 0.3184, 0.3106

Trichromacy



Original Color

56.8069, 0.3251, 0.3244

Protanomaly

57.1778, 0.3184, 0.3267

Deuteranomaly

56.8161, 0.3276, 0.3233

Tritanomaly

56.7957, 0.3214, 0.3163

Monochromacy



Original Color

56.8069, 0.3251, 0.3244

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4908, 0.3175, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8069, 0.3251, 0.3244 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, 194, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 198)  
}
```

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, 194, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 198) }
```

Border

The CSS property to change the border of an element to Yxy 56.8069, 0.3251, 0.3244 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, 194, 198) }
```

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

```
.border{ border-color:rgb(213, 194, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8069, 0.3251, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 198) }
```

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

```
.background{ background-color: rgb(213,  
194, 198) }
```

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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