

Converting Colors

Yxy(56.6926, 0.3092, 0.3097)

Have a look what the booklet for
Yxy(56.6926, 0.3092, 0.3097)
contains.

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Color

Yxy(56.8552, 0.3097, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	CEC3D3
RGB	206, 195, 211
RGB Percent	81%, 76%, 83%
CMY	0.1921, 0.2353, 0.1727
CMYK	0.02, 0.08, 0.00, 0.17
HSL	281°, 15%, 80%
HSV	281°, 8%, 83%
XYZ	56.7270, 56.8552, 69.5853
YIQ	200.1130, 1.4200, 7.3080

Conversions

Conversions Part 2

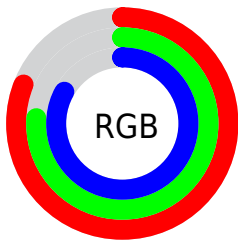
Format	Color
R _Y B	206, 195, 211
Decimal	13550547
CIE Lab	80.10, 6.76, -6.59
CIE LCh	80, 9.436, 315.732
Yxy	56.8552, 0.3097, 0.3104
Android (android.graphics.Color)	4291740627 (0xFFCEC3D3)
YUV	200.1130, 5.3673, 5.1629
Hunter-Lab	75.4024, 2.3356, -1.9343

Details

The Yxy color **56.8552, 0.3097, 0.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7800, 0.3155, 0.3479**, and the grayscale version is **57.7996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **28.1595, 0.3086, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **47.1473, 0.3050, 0.2845**, and if you desaturate by 10%, it is **67.9423, 0.3136, 0.3348**.

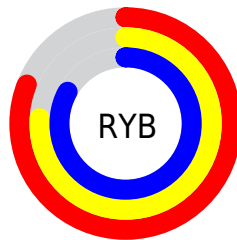
Distribution



Red (81%)

Green (76%)

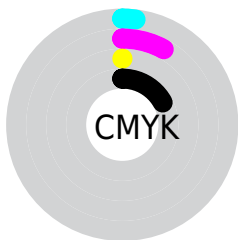
Blue (83%)



Red (81%)

Yellow (76%)

Blue (83%)

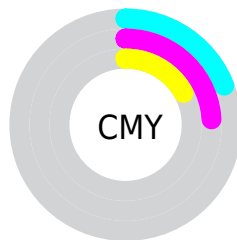


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (17%)



Cyan (19%)

Magenta (24%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8552, 0.3097, 0.3104 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 56.8552, 0.3097, 0.3104 by changing the saturation by 10% instead.

■ 56.8552, 0.3097,
0.3104

■ 56.8552, 0.3097,
0.3104

412.9065, 0.3112,
0.3193

■ 40.8890, 0.3093,
0.3083

■ 100.2539, 0.3102,
0.3135

■ 28.2324, 0.3088,
0.3057

128.4551, 0.3105,
0.3147

■ 18.5009, 0.3082,
0.3023

161.5035, 0.3106,
0.3158

■ 11.3102, 0.3073,
0.2977

199.7835, 0.3108,
0.3167

■ 6.2759, 0.3060,
0.2913

243.6794, 0.3109,
0.3174

■ 3.0136, 0.3040,
0.2815

293.5756, 0.3110,

■ 1.1388, 0.3001,

0.3181

0.2651

349.8565, 0.3111,
0.3187

0.0109, 0.2662,
0.0165

0.0000, 0.0000,
0.0000

56.8552, 0.3097,
0.3104

56.8552, 0.3097,
0.3104

47.1473, 0.3050,
0.2845

67.9423, 0.3136,
0.3348

38.7552, 0.2995,
0.2574

80.4542, 0.3168,
0.3573

31.6211, 0.2932,
0.2299

92.3258, 0.3197,
0.3748

25.6803, 0.2861,
0.2030

93.3986, 0.3239,
0.3742

■ 20.8620, 0.2783,
0.1776

■ 94.5120, 0.3281,
0.3736

■ 17.0879, 0.2701,
0.1551

■ 95.6664, 0.3323,
0.3730

■ 14.2692, 0.2616,
0.1365

■ 96.8623, 0.3366,
0.3724

■ 12.3019, 0.2533,
0.1226

■ 97.4812, 0.3388,
0.3721

■ 11.0421, 0.2453,
0.1134

Harmonies

Analogous

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



56.8552, 0.2983, 0.3081



56.8552, 0.3097, 0.3104



56.8552, 0.3222, 0.3174

Triad

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



56.8552, 0.3097, 0.3104



56.8552, 0.3350, 0.3466



56.8552, 0.2936, 0.3301

Complementary

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



56.8552, 0.3097, 0.3104



62.7800, 0.3155, 0.3479

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.



56.8552, 0.3031, 0.3410



56.8552, 0.3097, 0.3104



56.8552, 0.3271, 0.3506

Square

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



56.8552, 0.3097, 0.3104



56.8552, 0.3369, 0.3381



56.8552, 0.3154, 0.3486



56.8552, 0.2891, 0.3191

Rectangle

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



56.8552, 0.3097, 0.3104



56.8552, 0.3293, 0.3239



56.8552, 0.3154, 0.3486



56.8552, 0.2963, 0.3339

Sweetspot

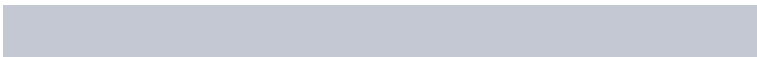
The Sweet Spot groups the original color and five complimentary colors.



56.8576, 0.3097, 0.3104



96.4911, 0.3120, 0.3241



57.6380, 0.3011, 0.3160



20.6898, 0.3120, 0.3244



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.



56.8576, 0.3097, 0.3104



84.8996, 0.3090, 0.3065



57.4301, 0.3157, 0.3140



11.8180, 0.3089, 0.3057



6.5673, 0.2445, 0.1121



0.4081, 0.2589, 0.1200

Inverse Universe

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



57.0416, 0.3218, 0.3233



85.2422, 0.3238, 0.3221



62.2451, 0.3098, 0.3445



11.8676, 0.3243, 0.3218



8.6063, 0.5712, 0.2920



0.4954, 0.5183, 0.2629

Previews

White Background



This preview shows how the Yxy color 56.8552, 0.3097, 0.3104 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 56.8552, 0.3097, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

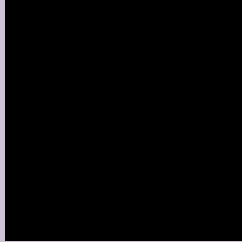
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

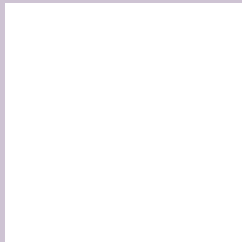
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8552, 0.3097, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 56.8552, 0.3097, 0.3104.

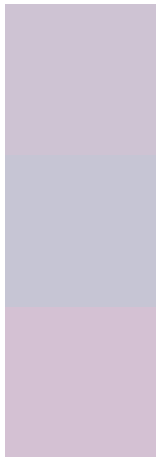


This preview shows how white text looks on a background with the Yxy color 56.8552, 0.3097, 0.3104.

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

56.8552, 0.3097, 0.3104

Protanopia

56.6917, 0.3027, 0.3112

Deuteranopia

56.8401, 0.3145, 0.3083



Tritanopia

56.8052, 0.3104, 0.3115

Trichromacy



Original Color

56.8552, 0.3097, 0.3104

Protanomaly

56.6508, 0.3050, 0.3102

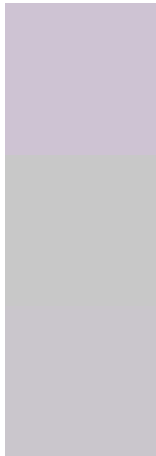
Deuteranomaly

56.9884, 0.3128, 0.3094

Tritanomaly

56.8052, 0.3104, 0.3115

Monochromacy



Original Color

56.8552, 0.3097, 0.3104

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3044, 0.3115, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8552, 0.3097, 0.3104 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(206, 195, 211)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 211)  
}
```

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(206, 195, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 211) }
```

Border

The CSS property to change the border of an element to Yxy 56.8552, 0.3097, 0.3104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

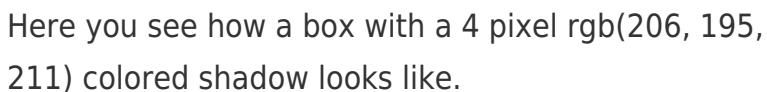
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 195, 211) }
```

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

```
.border{ border-color:rgb(206, 195, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 195, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 195, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 195, 211); box-shadow:4px 4px 4px 4px rgb(206, 195, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8552, 0.3097, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 211) }
```

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

```
.background{ background-color: rgb(206,  
195, 211) }
```

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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