

Converting Colors

Yxy(56.1241, 0.3081, 0.3091)

Have a look what the booklet for
Yxy(56.1241, 0.3081, 0.3091)
contains.

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Color

Yxy(56.1241, 0.3081, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	CCC2D3
RGB	204, 194, 211
RGB Percent	80%, 76%, 83%
CMY	0.2001, 0.2391, 0.1726
CMYK	0.03, 0.08, 0.00, 0.17
HSL	275°, 16%, 79%
HSV	275°, 8%, 83%
XYZ	55.9425, 56.1241, 69.5060
YIQ	198.9280, 0.5030, 7.4070

Conversions

Conversions Part 2

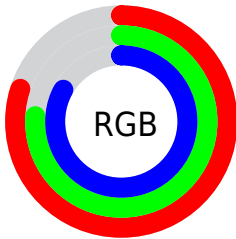
Format	Color
R_YB	204, 194, 211
Decimal	13419219
CIE _{Lab}	79.68, 6.59, -7.23
CIE _{LCh}	80, 9.786, 312.334
Yxy	56.1241, 0.3081, 0.3091
Android (android.graphics.Color)	4291609299 (0xFFCCC2D3)
YUV	198.9280, 5.9515, 4.4481
Hunter-Lab	74.9160, 2.1894, -2.5672

Details

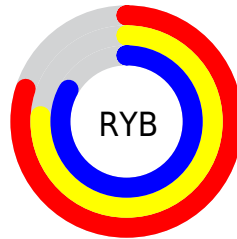
The Yxy color `56.1241, 0.3081, 0.3091` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `62.9041, 0.3170, 0.3490`, and the grayscale version is `57.0280, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8512, 0.3129, 0.3242`, and `27.6745, 0.3065, 0.3025` is the 20% darker color. If you saturate the color by 10%, you get `46.1909, 0.3014, 0.2827`, and if you desaturate by 10%, it is `67.4648, 0.3137, 0.3336`.

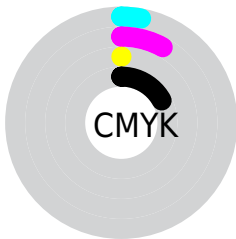
Distribution



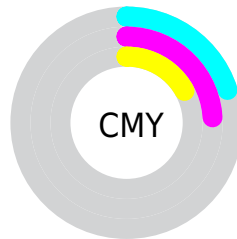
- Red (80%)
- Green (76%)
- Blue (83%)



- Red (80%)
- Yellow (76%)
- Blue (83%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (17%)




- Cyan (20%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1241, 0.3081, 0.3091 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 56.1241, 0.3081, 0.3091 by changing the saturation by 10% instead.

 56.1241, 0.3081,
0.3091

 56.1241, 0.3081,
0.3091


410.1590, 0.3104,
0.3186

 40.3024, 0.3075,
0.3068


 99.1860, 0.3089,
0.3125

 27.7744, 0.3068,
0.3040


127.1950, 0.3092,
0.3138

 18.1557, 0.3059,
0.3003


160.0353, 0.3095,
0.3149

 11.0618, 0.3046,
0.2954

198.0912, 0.3097,
0.3158

 6.1084, 0.3027,
0.2885

241.7471, 0.3099,
0.3167

 2.9111, 0.2996,
0.2779

291.3875, 0.3101,

 1.0855, 0.2940,

0.3174

0.2601

347.3966, 0.3103,
0.3180

0.0000, 0.2144,
0.0000

0.0000, 0.0000,
0.0000

56.1241, 0.3081,
0.3091

56.1241, 0.3081,
0.3091

46.1909, 0.3014,
0.2827

67.4648, 0.3137,
0.3336

37.6010, 0.2937,
0.2549

80.2594, 0.3185,
0.3561

30.2958, 0.2848,
0.2263

93.0748, 0.3226,
0.3743

24.2094, 0.2750,
0.1978

94.5584, 0.3282,
0.3735

■ 19.2701, 0.2644,
0.1707

■ 96.1155, 0.3339,
0.3727

■ 15.3983, 0.2532,
0.1463

■ 97.4827, 0.3388,
0.3721

■ 12.5038, 0.2421,
0.1259

■ 10.4809, 0.2313,
0.1104

■ 9.1766, 0.2212,
0.1000

Harmonies

Analogous

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



56.1241, 0.2965, 0.3073



56.1241, 0.3081, 0.3091



56.1241, 0.3211, 0.3159

Triad

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



56.1241, 0.3081, 0.3091



56.1241, 0.3366, 0.3465



56.1241, 0.2937, 0.3315

Complementary

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



56.1241, 0.3081, 0.3091



62.9041, 0.3170, 0.3490

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.



56.1241, 0.3041, 0.3426



56.1241, 0.3081, 0.3091



56.1241, 0.3289, 0.3513

Square

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



56.1241, 0.3081, 0.3091



56.1241, 0.3377, 0.3373



56.1241, 0.3169, 0.3500



56.1241, 0.2883, 0.3199

Rectangle

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



56.1241, 0.3081, 0.3091



56.1241, 0.3289, 0.3225



56.1241, 0.3169, 0.3500



56.1241, 0.2967, 0.3354

Sweetspot

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



56.1265, 0.3081, 0.3091



96.3907, 0.3116, 0.3241



57.9899, 0.3004, 0.3172



20.6694, 0.3117, 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.



56.1265, 0.3081, 0.3091



82.8476, 0.3068, 0.3038



57.0714, 0.3147, 0.3111



11.7549, 0.3073, 0.3056



5.4686, 0.2207, 0.0989



0.3517, 0.2388, 0.1089

Inverse Universe

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



56.6586, 0.3211, 0.3208



83.8706, 0.3235, 0.3187



62.0157, 0.3108, 0.3476



11.8883, 0.3226, 0.3194



8.7962, 0.5304, 0.2695



0.5075, 0.4828, 0.2434

Previews

White Background



This preview shows how the Yxy color 56.1241, 0.3081, 0.3091 looks on a white background.

Color Contrast Check

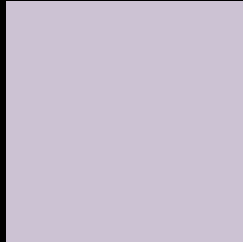
Large Text (above 18pt) WCAG AA × Fail

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 56.1241, 0.3081, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

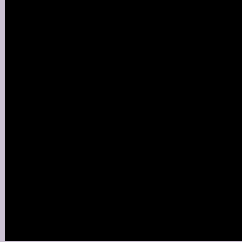
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

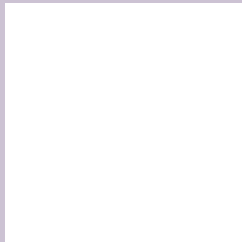
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1241, 0.3081, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 56.1241, 0.3081, 0.3091.

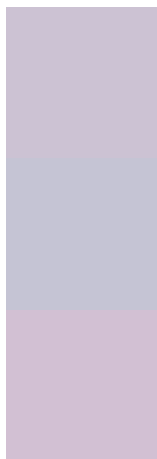


This preview shows how white text looks on a background with the Yxy color 56.1241, 0.3081, 0.3091.

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

56.1241, 0.3081, 0.3091

Protanopia

56.1036, 0.3019, 0.3100

Deuteranopia

56.1041, 0.3129, 0.3070



Tritanopia

56.0741, 0.3089, 0.3102

Trichromacy



Original Color

56.1241, 0.3081, 0.3091

Protanomaly

56.0630, 0.3043, 0.3089

Deuteranomaly

56.2530, 0.3113, 0.3081

Tritanomaly

56.0741, 0.3089, 0.3102

Monochromacy



Original Color

56.1241, 0.3081, 0.3091

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6618, 0.3115, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1241, 0.3081, 0.3091 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(204, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 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(204, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 211) }
```

Border

The CSS property to change the border of an element to Yxy 56.1241, 0.3081, 0.3091 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(204, 194, 211) }
```

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

```
.border{ border-color:rgb(204, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1241, 0.3081, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 211) }
```

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

```
.background{ background-color: rgb(204,  
194, 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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