

Converting Colors

Yxy(56.6813, 0.3128, 0.3127)

Have a look what the booklet for
Yxy(56.6813, 0.3128, 0.3127)
contains.

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Color

Yxy(56.5475, 0.3135, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2D0
RGB	208, 194, 208
RGB Percent	82%, 76%, 82%
CMY	0.1842, 0.2392, 0.1843
CMYK	0.00, 0.07, 0.00, 0.18
HSL	300°, 13%, 79%
HSV	300°, 7%, 82%
XYZ	56.6922, 56.5475, 67.5966
YIQ	199.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

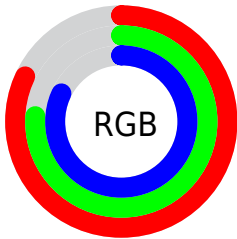
Format	Color
R _Y B	208, 194, 208
Decimal	13681360
CIE Lab	79.92, 7.42, -5.23
CIE LCh	80, 9.076, 324.826
Yxy	56.5475, 0.3135, 0.3127
Android (android.graphics.Color)	4291871440 (0xFFD0C2D0)
YUV	199.7820, 4.0515, 7.2072
Hunter-Lab	75.1981, 2.9753, -0.6580

Details

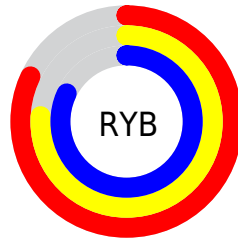
The Yxy color **56.5475, 0.3135, 0.3127** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4861, 0.3119, 0.3459**, and the grayscale version is **57.5930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **27.9593, 0.3137, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **47.9278, 0.3147, 0.2880**, and if you desaturate by 10%, it is **66.4681, 0.3123, 0.3367**.

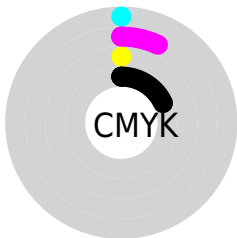
Distribution



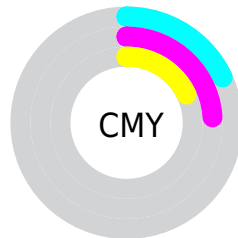
- Red (82%)
- Green (76%)
- Blue (82%)



- Red (82%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)




- Cyan (18%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5475, 0.3135, 0.3127 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 56.5475, 0.3135, 0.3127 by changing the saturation by 10% instead.


 56.5475, 0.3135,
0.3127

 56.5475, 0.3135,
0.3127


411.7516, 0.3132,
0.3205

 40.6421, 0.3136,
0.3109


 99.8046, 0.3134,
0.3155

 28.0395, 0.3136,
0.3085


127.9251, 0.3133,
0.3165

 18.3554, 0.3137,
0.3055


160.8860, 0.3133,
0.3174

 11.2055, 0.3139,
0.3015

199.0718, 0.3133,
0.3182

 6.2052, 0.3140,
0.2958

242.8669, 0.3132,
0.3189

 2.9703, 0.3141,
0.2872

292.6556, 0.3132,

 1.1162, 0.3141,

0.3195

0.2725

348.8224, 0.3132,
0.3200

0.0000, 0.3270,
0.0000

0.0000, 0.0000,
0.0000

56.5475, 0.3135,
0.3127

56.5475, 0.3135,
0.3127

47.9278, 0.3147,
0.2880

66.4681, 0.3123,
0.3367

40.5482, 0.3159,
0.2631

77.7328, 0.3113,
0.3595

34.3538, 0.3171,
0.2390

89.4916, 0.3103,
0.3795

29.2830, 0.3182,
0.2164

89.4934, 0.3103,
0.3794

■ 25.2683, 0.3192,
0.1965

■ 89.4952, 0.3103,
0.3794

■ 22.2353, 0.3200,
0.1801

■ 89.4969, 0.3102,
0.3794

■ 20.0997, 0.3206,
0.1676

■ 89.4987, 0.3102,
0.3793

■ 18.7632, 0.3211,
0.1595

■ 89.5005, 0.3102,
0.3793

■ 18.0977, 0.3213,
0.1553

■ 89.5022, 0.3102,
0.3792

Harmonies

Analogous

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



56.5475, 0.3018, 0.3090



56.5475, 0.3135, 0.3127



56.5475, 0.3251, 0.3206

Triad

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



56.5475, 0.3135, 0.3127



56.5475, 0.3324, 0.3477



56.5475, 0.2924, 0.3267

Complementary

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



56.5475, 0.3135, 0.3127



60.4861, 0.3119, 0.3459

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.



56.5475, 0.3003, 0.3376



56.5475, 0.3135, 0.3127



56.5475, 0.3234, 0.3498

Square

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



56.5475, 0.3135, 0.3127



56.5475, 0.3362, 0.3406



56.5475, 0.3116, 0.3461



56.5475, 0.2898, 0.3168

Rectangle

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



56.5475, 0.3135, 0.3127



56.5475, 0.3313, 0.3272



56.5475, 0.3116, 0.3461



56.5475, 0.2945, 0.3304

Sweetspot

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



56.5499, 0.3135, 0.3127



96.7885, 0.3129, 0.3242



54.6079, 0.3025, 0.3121



20.7504, 0.3129, 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.



56.5499, 0.3135, 0.3127



87.6656, 0.3137, 0.3094



56.2136, 0.3187, 0.3208



12.0087, 0.3138, 0.3061



11.1853, 0.3213, 0.1544



0.6255, 0.3213, 0.1543

Inverse Universe

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



56.5499, 0.3135, 0.3127



87.6656, 0.3137, 0.3094



60.8075, 0.3071, 0.3374



12.0087, 0.3138, 0.3061



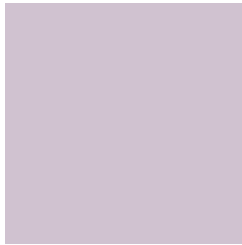
11.1853, 0.3213, 0.1544



0.6255, 0.3213, 0.1543

Previews

White Background



This preview shows how the Yxy color 56.5475, 0.3135, 0.3127 looks on a white background.

Color Contrast Check

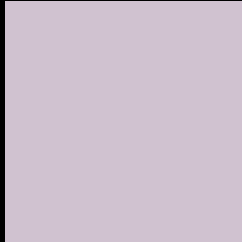
Large Text (above 18pt) WCAG AA × Fail

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 56.5475, 0.3135, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

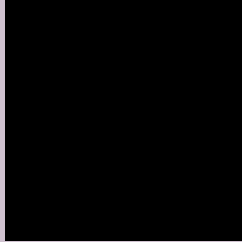
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

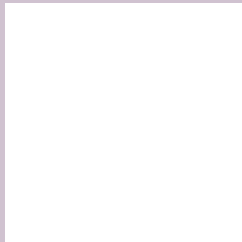
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5475, 0.3135, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 56.5475, 0.3135, 0.3127.

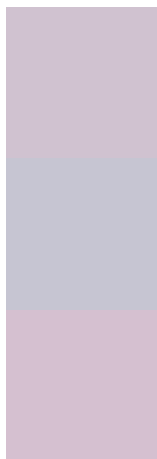


This preview shows how white text looks on a background with the Yxy color 56.5475, 0.3135, 0.3127.

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

56.5475, 0.3135, 0.3127

Protanopia

56.5914, 0.3041, 0.3136

Deuteranopia

56.3995, 0.3176, 0.3106



Tritanopia

56.5969, 0.3127, 0.3116

Trichromacy



Original Color

56.5475, 0.3135, 0.3127

Protanomaly

56.6399, 0.3079, 0.3137

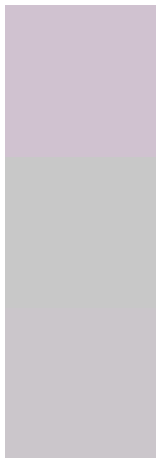
Deuteranomaly

56.5429, 0.3159, 0.3117

Tritanomaly

56.5969, 0.3127, 0.3116

Monochromacy



Original Color

56.5475, 0.3135, 0.3127

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3965, 0.3130, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5475, 0.3135, 0.3127 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, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 208)  
}
```

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, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 208) }
```

Border

The CSS property to change the border of an element to Yxy 56.5475, 0.3135, 0.3127 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, 194, 208) }
```

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

```
.border{ border-color:rgb(208, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(208, 194,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5475, 0.3135, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 194, 208) }
```

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

```
.background{ background-color: rgb(208,  
194, 208) }
```

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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