

Converting Colors

$Y_{xy}(55.7227, 0.3133, 0.3068)$

Have a look what the booklet for
Yxy(55.7227, 0.3133, 0.3068)
contains.

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Color

Yxy(55.6164, 0.3137, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	D2BFD2
RGB	210, 191, 210
RGB Percent	82%, 75%, 82%
CMY	0.1767, 0.2509, 0.1765
CMYK	0.00, 0.09, 0.00, 0.18
HSL	300°, 17%, 79%
HSV	300°, 9%, 82%
XYZ	56.8302, 55.6164, 68.7143
YIQ	198.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

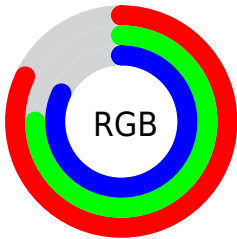
Format	Color
R _Y B	210, 191, 210
Decimal	13811666
CIE Lab	79.40, 10.04, -7.08
CIE LCh	79, 12.285, 324.829
Yxy	55.6164, 0.3137, 0.3070
Android (android.graphics.Color)	4292001746 (0xFFD2BFD2)
YUV	198.8470, 5.4984, 9.7812
Hunter-Lab	74.5764, 5.5154, -2.4260

Details

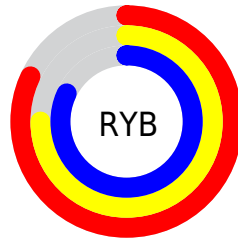
The Yxy color `55.6164, 0.3137, 0.3070` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.9451, 0.3117, 0.3520`, and the grayscale version is `56.9760, 0.3127, 0.3290`.

A 20% lighter version of the original color is `95.0015, 0.3131, 0.3214`, and `27.5458, 0.3129, 0.3013` is the 20% darker color. If you saturate the color by 10%, you get `47.0953, 0.3148, 0.2821`, and if you desaturate by 10%, it is `65.4556, 0.3126, 0.3313`.

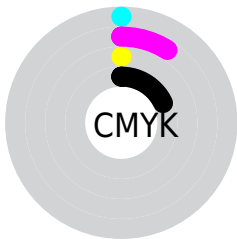
Distribution



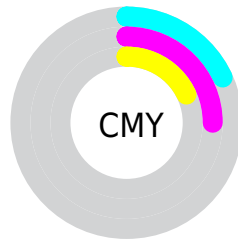
- Red (82%)
- Green (75%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (18%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6164, 0.3137, 0.3070 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 55.6164, 0.3137, 0.3070 by changing the saturation by 10% instead.

 55.6164, 0.3137,
0.3070

 55.6164, 0.3137,
0.3070


408.2443, 0.3133,
0.3175

 39.8954, 0.3138,
0.3045


 98.4435, 0.3136,
0.3107

 27.4570, 0.3139,
0.3014


126.3184, 0.3135,
0.3121

 17.9168, 0.3139,
0.2974


159.0135, 0.3135,
0.3134

 10.8902, 0.3140,
0.2920

196.9130, 0.3134,
0.3144

 5.9931, 0.3141,
0.2844

240.4015, 0.3134,
0.3153

 2.8409, 0.3141,
0.2729

289.8633, 0.3134,

 1.0492, 0.3136,

0.3161

0.2536

345.6827, 0.3133,
0.3169

0.0000, 0.3008,
0.0000

0.0000, 0.0000,
0.0000

55.6164, 0.3137,
0.3070

55.6164, 0.3137,
0.3070

47.0953, 0.3148,
0.2821

65.4556, 0.3126,
0.3313

39.8295, 0.3159,
0.2573

76.6581, 0.3116,
0.3545

33.7619, 0.3169,
0.2333

89.2755, 0.3106,
0.3762

28.8279, 0.3179,
0.2113

89.9057, 0.3106,
0.3772

■ 24.9573, 0.3187,
0.1920

■ 89.9155, 0.3106,
0.3772

■ 22.0715, 0.3193,
0.1763

■ 89.9252, 0.3107,
0.3772

■ 20.0817, 0.3198,
0.1648

■ 89.9350, 0.3107,
0.3772

■ 18.8827, 0.3200,
0.1576

■ 89.9447, 0.3107,
0.3772

■ 18.3032, 0.3201,
0.1540

■ 89.9545, 0.3108,
0.3771

Harmonies

Analogous

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



55.6164, 0.2979, 0.3019



55.6164, 0.3137, 0.3070



55.6164, 0.3296, 0.3176

Triad

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



55.6164, 0.3137, 0.3070



55.6164, 0.3396, 0.3544



55.6164, 0.2851, 0.3258

Complementary

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



55.6164, 0.3137, 0.3070



60.9451, 0.3117, 0.3520

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.



55.6164, 0.2958, 0.3407



55.6164, 0.3137, 0.3070



55.6164, 0.3272, 0.3575

Square

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



55.6164, 0.3137, 0.3070



55.6164, 0.3448, 0.3446



55.6164, 0.3111, 0.3525



55.6164, 0.2817, 0.3122

Rectangle

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



55.6164, 0.3137, 0.3070



55.6164, 0.3380, 0.3265



55.6164, 0.3111, 0.3525



55.6164, 0.2880, 0.3308

Sweetspot

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



55.6188, 0.3137, 0.3070



95.2112, 0.3130, 0.3217



53.1430, 0.2988, 0.3063



20.1122, 0.3131, 0.3197



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.



55.6188, 0.3137, 0.3070



83.3740, 0.3139, 0.3018



55.1833, 0.3207, 0.3175



12.0071, 0.3137, 0.3061



11.1378, 0.3201, 0.1537



0.6234, 0.3203, 0.1538

Inverse Universe

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



54.7395, 0.3283, 0.3290



81.7190, 0.3324, 0.3290



61.3540, 0.3054, 0.3408



11.8088, 0.3290, 0.3290



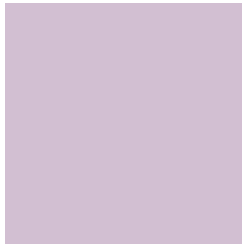
8.3590, 0.6397, 0.3298



0.4676, 0.6385, 0.3291

Previews

White Background



This preview shows how the Yxy color 55.6164, 0.3137, 0.3070 looks on a white background.

Color Contrast Check

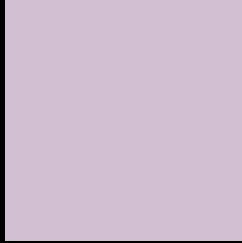
Large Text (above 18pt) WCAG AA × Fail

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 55.6164, 0.3137, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

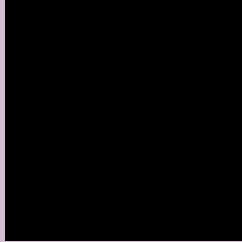
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.6164, 0.3137, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 55.6164, 0.3137, 0.3070.



This preview shows how white text looks on a background with the Yxy color 55.6164, 0.3137, 0.3070.

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

55.6164, 0.3137, 0.3070

Protanopia

55.5701, 0.3005, 0.3076

Deuteranopia

55.6164, 0.3137, 0.3070



Tritanopia

55.7596, 0.3151, 0.3115

Trichromacy



Original Color

55.6164, 0.3137, 0.3070

Protanomaly

55.7545, 0.3051, 0.3078

Deuteranomaly

55.6164, 0.3137, 0.3070

Tritanomaly

55.8086, 0.3144, 0.3104

Monochromacy



Original Color

55.6164, 0.3137, 0.3070

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4882, 0.3131, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6164, 0.3137, 0.3070 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(210, 191, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 191, 210)  
}
```

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(210, 191, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 191, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.6164, 0.3137, 0.3070 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(210, 191, 210) }
```

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

```
.border{ border-color:rgb(210, 191, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 191, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 191, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 191, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 191,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6164, 0.3137, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 191, 210) }
```

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

```
.background{ background-color: rgb(210,  
191, 210) }
```

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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