

Converting Colors

Yxy(56.6242, 0.3024, 0.3125)

Have a look what the booklet for
Yxy(56.6242, 0.3024, 0.3125)
contains.

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Color

Yxy(56.5060, 0.3026, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	C5C5D3
RGB	197, 197, 211
RGB Percent	77%, 77%, 83%
CMY	0.2277, 0.2273, 0.1726
CMYK	0.07, 0.07, 0.00, 0.17
HSL	240°, 14%, 80%
HSV	240°, 7%, 83%
XYZ	54.7334, 56.5060, 69.6377
YIQ	198.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

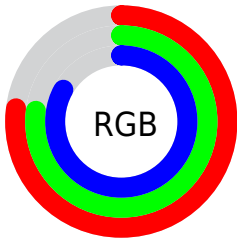
Format	Color
R _Y B	197, 197, 211
Decimal	12961235
CIE Lab	79.90, 2.62, -6.97
CIE LCh	80, 7.444, 290.575
Yxy	56.5060, 0.3026, 0.3124
Android (android.graphics.Color)	4291151315 (0xFFC5C5D3)
YUV	198.5960, 6.1152, -1.3997
Hunter-Lab	75.1705, -1.5782, -2.3067

Details

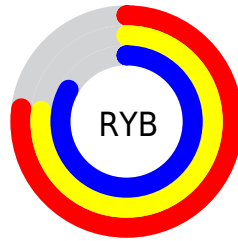
The Yxy color **56.5060, 0.3026, 0.3124** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.4023, 0.3225, 0.3451**, and the grayscale version is **56.8125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1745, 0.3121, 0.3280**, and **27.9189, 0.2993, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **44.9971, 0.2857, 0.2846**, and if you desaturate by 10%, it is **69.7394, 0.3174, 0.3368**.

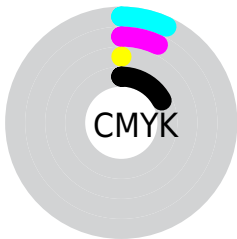
Distribution



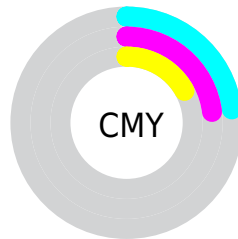
- Red (77%)
- Green (77%)
- Blue (83%)



- Red (77%)
- Yellow (77%)
- Blue (83%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (23%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.5060, 0.3026, 0.3124 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 56.5060, 0.3026, 0.3124 by changing the saturation by 10% instead.

■ 56.5060, 0.3026,
0.3124

■ 56.5060, 0.3026,
0.3124

411.5956, 0.3075,
0.3204

■ 40.6088, 0.3014,
0.3105

99.7440, 0.3044,
0.3152

■ 28.0135, 0.2999,
0.3081

127.8536, 0.3050,
0.3163

■ 18.3358, 0.2980,
0.3050

160.8027, 0.3056,
0.3172

■ 11.1914, 0.2953,
0.3008

198.9758, 0.3061,
0.3180

■ 6.1957, 0.2915,
0.2949

242.7572, 0.3065,
0.3187

■ 2.9644, 0.2856,
0.2858

292.5314, 0.3069,

■ 1.1132, 0.2753,

0.3194

0.2702

348.6828, 0.3072,
0.3199

0.0000, 0.1011,
0.0000

0.0000, 0.0000,
0.0000

56.5060, 0.3026,
0.3124

56.5060, 0.3026,
0.3124

44.9971, 0.2857,
0.2846

69.7394, 0.3174,
0.3368

35.1350, 0.2668,
0.2536

84.7568, 0.3303,
0.3579

26.8466, 0.2463,
0.2198

97.4823, 0.3388,
0.3721

20.0506, 0.2249,
0.1845

■ 14.6581, 0.2037,
0.1495

■ 10.5714, 0.1844,
0.1175

■ 7.6797, 0.1685,
0.0912

■ 5.8542, 0.1574,
0.0726

■ 4.9333, 0.1515,
0.0626

Harmonies

Analogous

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



56.5060, 0.2960, 0.3142



56.5060, 0.3026, 0.3124



56.5060, 0.3120, 0.3149

Triad

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



56.5060, 0.3026, 0.3124



56.5060, 0.3320, 0.3375



56.5060, 0.3037, 0.3372

Complementary

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



56.5060, 0.3026, 0.3124



64.4023, 0.3225, 0.3451

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.



56.5060, 0.3132, 0.3437



56.5060, 0.3026, 0.3124



56.5060, 0.3296, 0.3438

Square

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



56.5060, 0.3026, 0.3124



56.5060, 0.3290, 0.3292



56.5060, 0.3227, 0.3461



56.5060, 0.2967, 0.3285

Rectangle

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



56.5060, 0.3026, 0.3124



56.5060, 0.3186, 0.3187



56.5060, 0.3227, 0.3461



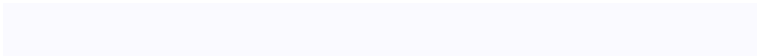
56.5060, 0.3067, 0.3397

Sweetspot

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



56.5084, 0.3026, 0.3124



95.8580, 0.3097, 0.3241



63.1307, 0.3026, 0.3292



20.5609, 0.3099, 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.



56.5084, 0.3026, 0.3124



84.0883, 0.3003, 0.3087



57.3987, 0.3078, 0.3126



11.4315, 0.2982, 0.3051



2.8654, 0.1502, 0.0605



0.1653, 0.1506, 0.0622

Inverse Universe

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



57.7775, 0.3239, 0.3289



86.4316, 0.3265, 0.3289



63.4717, 0.3174, 0.3454



11.8096, 0.3289, 0.3289



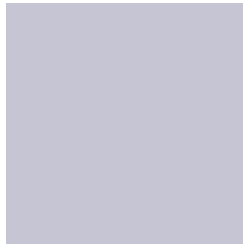
8.3605, 0.6392, 0.3295



0.4680, 0.6363, 0.3279

Previews

White Background



This preview shows how the Yxy color 56.5060, 0.3026, 0.3124 looks on a white background.

Color Contrast Check

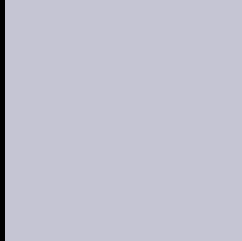
Large Text (above 18pt) WCAG AA × Fail

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 56.5060, 0.3026, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

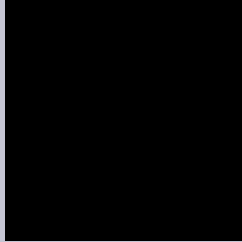
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5060, 0.3026, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 56.5060, 0.3026, 0.3124.

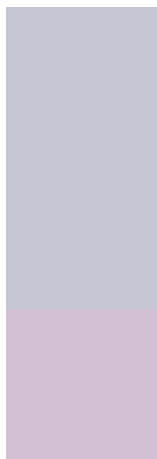


This preview shows how white text looks on a background with the Yxy color 56.5060, 0.3026, 0.3124.

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

56.5060, 0.3026, 0.3124

Protanopia

56.6414, 0.3034, 0.3124

Deuteranopia

56.3016, 0.3130, 0.3060



Tritanopia

56.5563, 0.3019, 0.3112

Trichromacy



Original Color

56.5060, 0.3026, 0.3124

Protanomaly

56.6414, 0.3034, 0.3124

Deuteranomaly

56.4589, 0.3090, 0.3080

Tritanomaly

56.5563, 0.3019, 0.3112

Monochromacy



Original Color

56.5060, 0.3026, 0.3124

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7057, 0.3091, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5060, 0.3026, 0.3124 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(197, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 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(197, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 211) }
```

Border

The CSS property to change the border of an element to Yxy 56.5060, 0.3026, 0.3124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

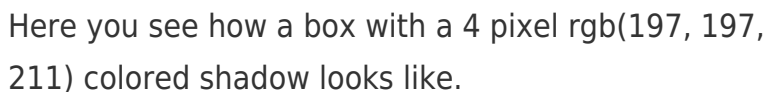
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 197, 211) }
```

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

```
.border{ border-color:rgb(197, 197, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 197, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 197, 211); box-shadow:4px 4px 4px 4px rgb(197, 197, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5060, 0.3026, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 211) }
```

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

```
.background{ background-color: rgb(197,  
197, 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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