

Converting Colors

Yxy(55.7450, 0.3038, 0.3145)

Have a look what the booklet for
Yxy(55.7450, 0.3038, 0.3145)
contains.

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Color

Yxy(55.7697, 0.3040, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4D0
RGB	196, 196, 208
RGB Percent	77%, 77%, 82%
CMY	0.2314, 0.2314, 0.1842
CMYK	0.06, 0.06, 0.00, 0.18
HSL	240°, 11%, 79%
HSV	240°, 6%, 82%
XYZ	53.8906, 55.7697, 67.6115
YIQ	197.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

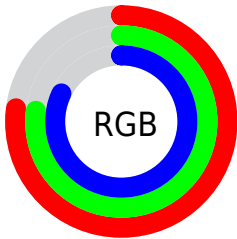
Format	Color
R_{YB}	196, 196, 208
Decimal	12895440
CIE _{Lab}	79.48, 2.27, -6.00
CIE _{LCh}	79, 6.419, 290.741
Yxy	55.7697, 0.3040, 0.3146
Android (android.graphics.Color)	4291085520 (0xFFC4C4D0)
YUV	197.3680, 5.2416, -1.1997
Hunter-Lab	74.6791, -1.8777, -1.4034

Details

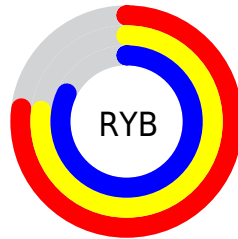
The Yxy color **55.7697, 0.3040, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.5152, 0.3212, 0.3430**, and the grayscale version is **56.0396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3532, 0.3116, 0.3271**, and **27.4299, 0.3011, 0.3098** is the 20% darker color. If you saturate the color by 10%, you get **44.4370, 0.2873, 0.2870**, and if you desaturate by 10%, it is **68.7928, 0.3186, 0.3388**.

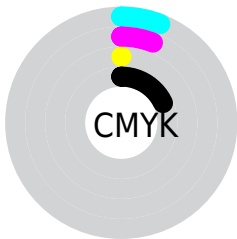
Distribution



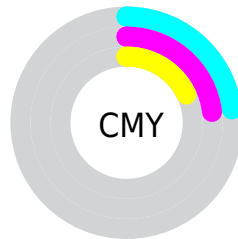
- Red (77%)
- Green (77%)
- Blue (82%)



- Red (77%)
- Yellow (77%)
- Blue (82%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7697, 0.3040, 0.3146 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 55.7697, 0.3040, 0.3146 by changing the saturation by 10% instead.

■ 55.7697, 0.3040,
0.3146

■ 55.7697, 0.3040,
0.3146

408.8230, 0.3082,
0.3216

■ 40.0183, 0.3030,
0.3129

■ 98.6678, 0.3055,
0.3171

■ 27.5528, 0.3017,
0.3108

126.5832, 0.3061,
0.3180

■ 17.9888, 0.3000,
0.3081

159.3222, 0.3066,
0.3188

■ 10.9420, 0.2977,
0.3044

197.2690, 0.3070,
0.3195

■ 6.0278, 0.2944,
0.2992

240.8081, 0.3074,
0.3201

■ 2.8620, 0.2892,
0.2911

290.3239, 0.3077,

■ 1.0601, 0.2800,

0.3207

0.2770

346.2007, 0.3080,
0.3211

0.0000, 0.0029,
0.0000

0.0000, 0.0000,
0.0000

55.7697, 0.3040,
0.3146

55.7697, 0.3040,
0.3146

44.4370, 0.2873,
0.2870

68.7928, 0.3186,
0.3388

34.7187, 0.2685,
0.2560

83.5641, 0.3313,
0.3597

26.5435, 0.2481,
0.2223

97.3351, 0.3406,
0.3750

19.8320, 0.2267,
0.1868

■ 14.4980, 0.2054,
0.1517

■ 10.4459, 0.1858,
0.1193

■ 7.5682, 0.1696,
0.0924

■ 5.7396, 0.1581,
0.0733

■ 4.8059, 0.1518,
0.0629

Harmonies

Analogous

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



55.7697, 0.2983, 0.3162



55.7697, 0.3040, 0.3146



55.7697, 0.3121, 0.3168

Triad

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



55.7697, 0.3040, 0.3146



55.7697, 0.3294, 0.3365



55.7697, 0.3049, 0.3361

Complementary

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



55.7697, 0.3040, 0.3146



62.5152, 0.3212, 0.3430

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.



55.7697, 0.3131, 0.3417



55.7697, 0.3040, 0.3146



55.7697, 0.3273, 0.3418

Square

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



55.7697, 0.3040, 0.3146



55.7697, 0.3269, 0.3293



55.7697, 0.3214, 0.3438



55.7697, 0.2988, 0.3285

Rectangle

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



55.7697, 0.3040, 0.3146



55.7697, 0.3178, 0.3201



55.7697, 0.3214, 0.3438



55.7697, 0.3075, 0.3382

Sweetspot

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



55.7721, 0.3040, 0.3146



95.8373, 0.3097, 0.3241



61.4022, 0.3039, 0.3292



20.5567, 0.3099, 0.3243



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.



55.7721, 0.3040, 0.3146



85.9143, 0.3019, 0.3112



56.5622, 0.3085, 0.3148



11.9086, 0.3012, 0.3100



2.8414, 0.1500, 0.0601



0.1594, 0.1501, 0.0603

Inverse Universe

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



56.8761, 0.3223, 0.3290



88.0393, 0.3247, 0.3290



61.6929, 0.3167, 0.3432



12.2239, 0.3255, 0.3290



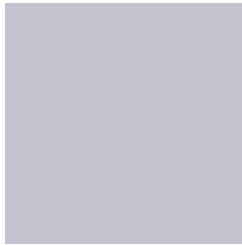
8.3581, 0.6400, 0.3299



0.4674, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 55.7697, 0.3040, 0.3146 looks on a white background.

Color Contrast Check

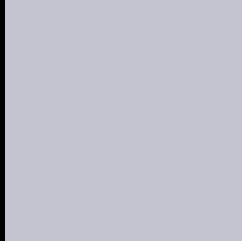
Large Text (above 18pt) WCAG AA × Fail

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 55.7697, 0.3040, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

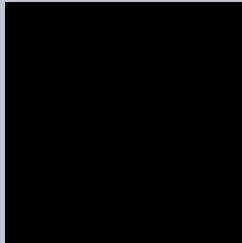
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

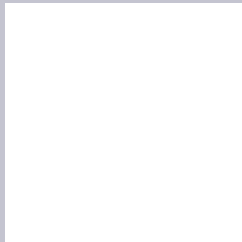
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7697, 0.3040, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 55.7697, 0.3040, 0.3146.

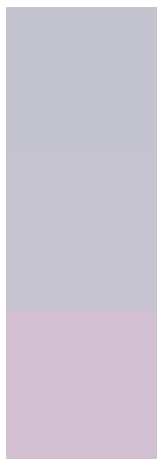


This preview shows how white text looks on a background with the Yxy color 55.7697, 0.3040, 0.3146.

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

55.7697, 0.3040, 0.3146

Protanopia

55.9042, 0.3048, 0.3147

Deuteranopia

55.5667, 0.3145, 0.3081



Tritanopia

55.9188, 0.3019, 0.3111

Trichromacy



Original Color

55.7697, 0.3040, 0.3146

Protanomaly

55.9042, 0.3048, 0.3147

Deuteranomaly

55.7225, 0.3104, 0.3102

Tritanomaly

55.8688, 0.3026, 0.3123

Monochromacy



Original Color

55.7697, 0.3040, 0.3146

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.0199, 0.3098, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7697, 0.3040, 0.3146 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(196, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 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(196, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 208) }
```

Border

The CSS property to change the border of an element to Yxy 55.7697, 0.3040, 0.3146 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(196, 196, 208) }
```

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

```
.border{ border-color:rgb(196, 196, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(196, 196,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7697, 0.3040, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 208) }
```

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

```
.background{ background-color: rgb(196,  
196, 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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