

Converting Colors

$Yxy(56.0724, 0.2856, 0.3093)$

Have a look what the booklet for
Yxy(56.0724, 0.2856, 0.3093)
contains.

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Color

Yxy(55.9020, 0.2854, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	B3C8D9
RGB	179, 200, 217
RGB Percent	70%, 78%, 85%
CMY	0.2981, 0.2157, 0.1490
CMYK	0.18, 0.08, 0.00, 0.15
HSL	207°, 33%, 78%
HSV	207°, 18%, 85%
XYZ	51.7665, 55.9020, 73.7137
YIQ	195.6590, -17.9730, 0.8350

Conversions

Conversions Part 2

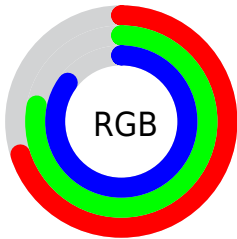
Format	Color
R _Y B	179, 193, 217
Decimal	11782361
CIE Lab	79.56, -3.56, -10.86
CIE LCh	80, 11.428, 251.838
Yxy	55.9020, 0.2854, 0.3082
Android (android.graphics.Color)	4289972441 (0xFFB3C8D9)
YUV	195.6590, 10.5211, -14.6099
Hunter-Lab	74.7676, -7.2562, -6.1169

Details

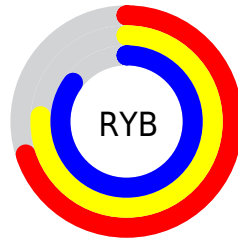
The Yxy color `55.9020, 0.2854, 0.3082` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `57.4797, 0.3429, 0.3489`, and the grayscale version is `54.9307, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.4022, 0.3005, 0.3290`, and `27.6020, 0.2786, 0.3027` is the 20% darker color. If you saturate the color by 10%, you get `49.1664, 0.2694, 0.2946`, and if you desaturate by 10%, it is `63.3343, 0.3012, 0.3206`.

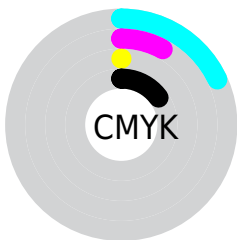
Distribution



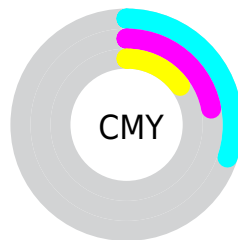
- Red (70%)
- Green (78%)
- Blue (85%)



- Red (70%)
- Yellow (76%)
- Blue (85%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9020, 0.2854, 0.3082 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 55.9020, 0.2854, 0.3082 by changing the saturation by 10% instead.

■ 55.9020, 0.2854,
0.3082

■ 55.9020, 0.2854,
0.3082

409.3221, 0.2985,
0.3183

■ 40.1244, 0.2823,
0.3058

■ 98.8613, 0.2901,
0.3118

■ 27.6355, 0.2783,
0.3027

126.8117, 0.2918,
0.3132

■ 18.0511, 0.2732,
0.2986

159.5885, 0.2934,
0.3144

■ 10.9867, 0.2664,
0.2931

197.5761, 0.2947,
0.3154

■ 6.0579, 0.2567,
0.2853

241.1588, 0.2958,
0.3163

■ 2.8803, 0.2419,
0.2731

290.7212, 0.2968,

■ 1.0696, 0.2170,

0.3170

0.2519

346.6474, 0.2977,
0.3177

0.0000, 0.0000,
0.0000

55.9020, 0.2854,
0.3082

55.9020, 0.2854,
0.3082

49.1664, 0.2694,
0.2946

63.3343, 0.3012,
0.3206

43.0964, 0.2535,
0.2797

71.4793, 0.3164,
0.3316

37.6684, 0.2381,
0.2638

80.3608, 0.3311,
0.3415

32.8544, 0.2236,
0.2470

87.8963, 0.3375,
0.3507

28.6239, 0.2104,
0.2296

93.7249, 0.3361,
0.3600

■ 24.9429, 0.1992,
0.2121

■ 97.7903, 0.3351,
0.3661

■ 21.7722, 0.1901,
0.1948

■ 19.0603, 0.1833,
0.1782

■ 18.4406, 0.1817,
0.1742

Harmonies

Analogous

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



55.9020, 0.2843, 0.3185



55.9020, 0.2854, 0.3082



55.9020, 0.2936, 0.3037

Triad

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



55.9020, 0.2854, 0.3082



55.9020, 0.3352, 0.3254



55.9020, 0.3179, 0.3537

Complementary

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



55.9020, 0.2854, 0.3082



57.4797, 0.3429, 0.3489

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.



55.9020, 0.3318, 0.3551



55.9020, 0.2854, 0.3082



55.9020, 0.3420, 0.3384

Square

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



55.9020, 0.2854, 0.3082



55.9020, 0.3223, 0.3136



55.9020, 0.3407, 0.3493



55.9020, 0.3028, 0.3452

Rectangle

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



55.9020, 0.2854, 0.3082



55.9020, 0.3022, 0.3043



55.9020, 0.3407, 0.3493



55.9020, 0.3228, 0.3550

Sweetspot

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



55.9043, 0.2854, 0.3082



94.0783, 0.3050, 0.3234



63.1737, 0.2999, 0.3554



19.9630, 0.3039, 0.3226



0.0000, 0.0000, 0.0000



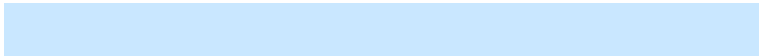
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.9043, 0.2854, 0.3082



76.8847, 0.2795, 0.3034



47.8501, 0.2842, 0.2849



13.8050, 0.2982, 0.3183



11.3758, 0.1824, 0.1765



0.9080, 0.1899, 0.2036

Inverse Universe

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



51.1567, 0.3285, 0.3046



69.0163, 0.3324, 0.2993



66.3413, 0.3394, 0.3696



13.1714, 0.3206, 0.3161



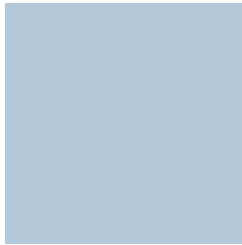
9.7722, 0.4727, 0.2378



0.6504, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 55.9020, 0.2854, 0.3082 looks on a white background.

Color Contrast Check

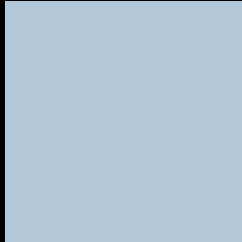
Large Text (above 18pt) WCAG AA × Fail

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 55.9020, 0.2854, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

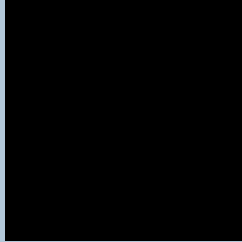
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

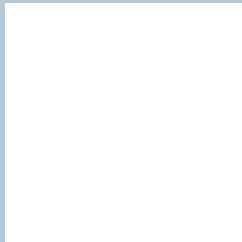
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9020, 0.2854, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 55.9020, 0.2854, 0.3082.



This preview shows how white text looks on a background with the Yxy color 55.9020, 0.2854, 0.3082.

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

55.9020, 0.2854, 0.3082

Protanopia

55.9370, 0.2990, 0.3076

Deuteranopia

55.9356, 0.3039, 0.2978



Tritanopia

55.8501, 0.2861, 0.3094

Trichromacy



Original Color

55.9020, 0.2854, 0.3082

Protanomaly

55.6576, 0.2939, 0.3073

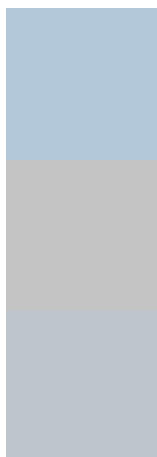
Deuteranomaly

55.8279, 0.2970, 0.3018

Tritanomaly

55.8501, 0.2861, 0.3094

Monochromacy



Original Color

55.9020, 0.2854, 0.3082

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.2393, 0.3022, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9020, 0.2854, 0.3082 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(179, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(179, 200, 217)  
}
```

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(179, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 200, 217) }
```

Border

The CSS property to change the border of an element to Yxy 55.9020, 0.2854, 0.3082 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(179, 200, 217) }
```

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

```
.border{ border-color:rgb(179, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(179, 200,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9020, 0.2854, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 200, 217) }
```

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

```
.background{ background-color: rgb(179,  
200, 217) }
```

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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