

Converting Colors

$Yxy(55.9307, 0.2928, 0.3248)$

Have a look what the booklet for
Yxy(55.9307, 0.2928, 0.3248)
contains.

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Color

Yxy(56.1138, 0.2927, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	B2CACD
RGB	178, 202, 205
RGB Percent	70%, 79%, 80%
CMY	0.3018, 0.2079, 0.1960
CMYK	0.13, 0.01, 0.00, 0.20
HSL	187°, 21%, 75%
HSV	187°, 13%, 80%
XYZ	50.5059, 56.1138, 65.9320
YIQ	195.1660, -15.2670, -4.1550

Conversions

Conversions Part 2

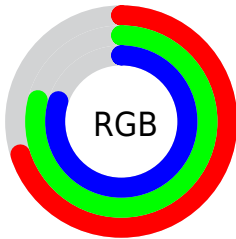
Format	Color
R _{YB}	178, 191, 205
Decimal	11717325
CIE Lab	79.68, -7.42, -4.24
CIE LCh	80, 8.549, 209.735
Yxy	56.1138, 0.2927, 0.3252
Android (android.graphics.Color)	4289907405 (0xFFB2CACD)
YUV	195.1660, 4.8482, -15.0546
Hunter-Lab	74.9091, -10.7412, 0.2517

Details

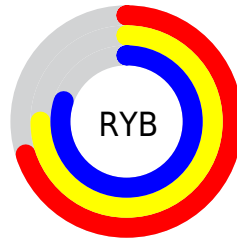
The Yxy color **56.1138, 0.2927, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2621, 0.3361, 0.3328**, and the grayscale version is **54.6590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **27.7741, 0.2873, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **52.8023, 0.2782, 0.3220**, and if you desaturate by 10%, it is **59.8084, 0.3078, 0.3281**.

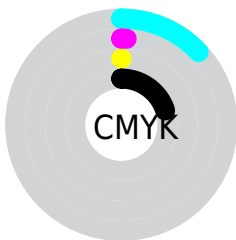
Distribution



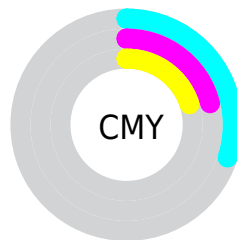
- Red (70%)
- Green (79%)
- Blue (80%)



- Red (70%)
- Yellow (75%)
- Blue (80%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)





- Cyan (30%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1138, 0.2927, 0.3252 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 56.1138, 0.2927, 0.3252 by changing the saturation by 10% instead.


 56.1138, 0.2927,
0.3252

 56.1138, 0.2927,
0.3252


410.1202, 0.3024,
0.3271

 40.2942, 0.2904,
0.3247


 99.1709, 0.2961,
0.3259

 27.7680, 0.2875,
0.3241


127.1773, 0.2974,
0.3262

 18.1508, 0.2837,
0.3233


160.0146, 0.2986,
0.3264

 11.0583, 0.2786,
0.3221

198.0673, 0.2995,
0.3266

 6.1061, 0.2713,
0.3204

241.7198, 0.3004,
0.3267

 2.9097, 0.2602,
0.3175

291.3566, 0.3011,

 1.0848, 0.2408,

0.3269

0.3121

347.3619, 0.3018,
0.3270

0.0000, 0.0000,
0.0000

56.1138, 0.2927,
0.3252

56.1138, 0.2927,
0.3252

52.8023, 0.2782,
0.3220

59.8084, 0.3078,
0.3281

49.8507, 0.2646,
0.3186

63.8941, 0.3233,
0.3308

47.2442, 0.2523,
0.3150

68.3875, 0.3389,
0.3332

44.9639, 0.2415,
0.3113

72.3345, 0.3505,
0.3354

42.9891, 0.2324,
0.3074

73.4817, 0.3501,
0.3377

■ 41.2969, 0.2252,
0.3035

■ 74.6451, 0.3496,
0.3400

■ 39.8606, 0.2199,
0.2996

■ 75.8249, 0.3492,
0.3423

■ 38.6480, 0.2164,
0.2958

■ 77.0211, 0.3487,
0.3446

■ 37.9087, 0.2148,
0.2932

■ 78.2338, 0.3483,
0.3469

Harmonies

Analogous

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



56.1138, 0.2995, 0.3355



56.1138, 0.2927, 0.3252



56.1138, 0.2912, 0.3162

Triad

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



56.1138, 0.2927, 0.3252



56.1138, 0.3153, 0.3146



56.1138, 0.3302, 0.3474

Complementary

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



56.1138, 0.2927, 0.3252



49.2621, 0.3361, 0.3328

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.



56.1138, 0.3347, 0.3413



56.1138, 0.2927, 0.3252



56.1138, 0.3260, 0.3225

Square

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



56.1138, 0.2927, 0.3252



56.1138, 0.3041, 0.3103



56.1138, 0.3332, 0.3323



56.1138, 0.3211, 0.3485

Rectangle

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



56.1138, 0.2927, 0.3252



56.1138, 0.2934, 0.3121



56.1138, 0.3332, 0.3323



56.1138, 0.3324, 0.3458

Sweetspot

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



56.1161, 0.2927, 0.3252



97.3917, 0.3065, 0.3279



56.4611, 0.3092, 0.3599



20.7434, 0.3053, 0.3277



0.0000, 0.0000, 0.0000



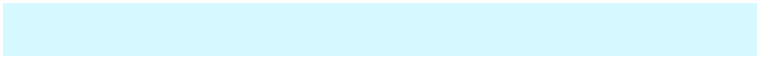
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1161, 0.2927, 0.3252



90.1927, 0.2882, 0.3243



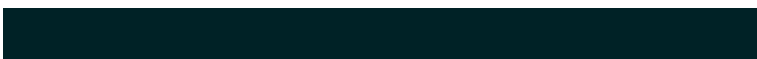
50.1959, 0.2923, 0.3085



12.5046, 0.2983, 0.3263



23.6845, 0.2149, 0.2937



1.2843, 0.2170, 0.3012

Inverse Universe

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



49.0978, 0.3166, 0.3003



76.3843, 0.3176, 0.2935



54.8770, 0.3339, 0.3487



11.3813, 0.3154, 0.3087



10.1940, 0.3510, 0.1707



0.5322, 0.3443, 0.1671

Previews

White Background



This preview shows how the Yxy color 56.1138, 0.2927, 0.3252 looks on a white background.

Color Contrast Check

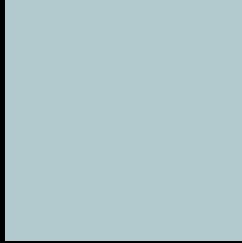
Large Text (above 18pt) WCAG AA × Fail

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 56.1138, 0.2927, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

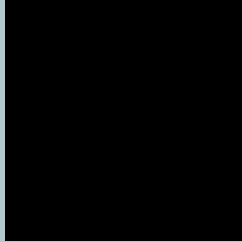
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

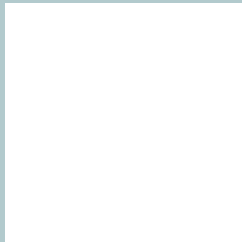
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.1138, 0.2927, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 56.1138, 0.2927, 0.3252.

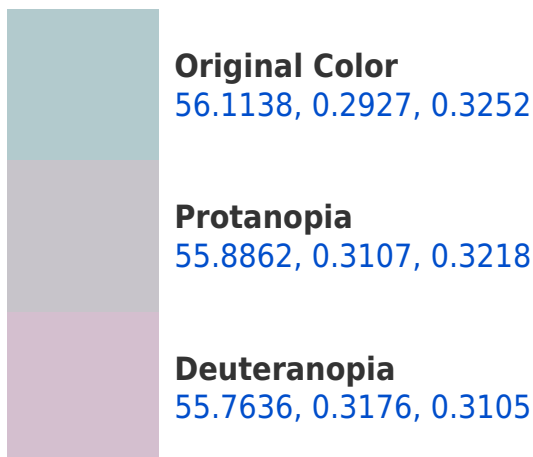


This preview shows how white text looks on a background with the Yxy color 56.1138, 0.2927, 0.3252.

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





Tritanopia

55.9697, 0.2868, 0.3094

Trichromacy



Original Color

56.1138, 0.2927, 0.3252

Protanomaly

55.7763, 0.3037, 0.3229

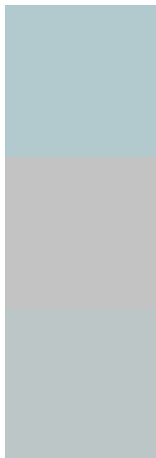
Deuteranomaly

55.7658, 0.3086, 0.3159

Tritanomaly

56.1105, 0.2887, 0.3154

Monochromacy



Original Color

56.1138, 0.2927, 0.3252

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3305, 0.3050, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1138, 0.2927, 0.3252 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(178, 202, 205)` looks like.

```
.text, #text, p{  
    color:rgb(178, 202, 205)  
}
```

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(178, 202, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 202, 205) }
```

Border

The CSS property to change the border of an element to Yxy 56.1138, 0.2927, 0.3252 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(178, 202, 205) }
```

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

```
.border{ border-color:rgb(178, 202, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 202, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 202, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 202, 205);  
box-shadow:4px 4px 4px 4px rgb(178, 202,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1138, 0.2927, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 202, 205) }
```

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

```
.background{ background-color: rgb(178,  
202, 205) }
```

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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