

Converting Colors

$Yxy(56.6813, 0.2990, 0.3403)$

Have a look what the booklet for
Yxy(56.6813, 0.2990, 0.3403)
contains.

Yxy(56.5908, 0.2994, 0.3402)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.5908, 0.2994, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	B2CCC3
RGB	178, 204, 195
RGB Percent	70%, 80%, 76%
CMY	0.3020, 0.2000, 0.2351
CMYK	0.13, 0.00, 0.04, 0.20
HSL	159°, 20%, 75%
HSV	159°, 13%, 80%
XYZ	49.8039, 56.5908, 59.9510
YIQ	195.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

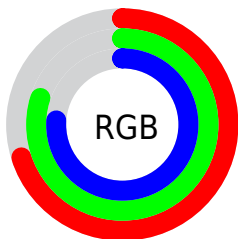
Format	Color
RYB	178, 194, 204
Decimal	11717827
CIELab	79.95, -10.47, 1.51
CIELCh	80, 10.581, 171.822
Yxy	56.5908, 0.2994, 0.3402
Android (android.graphics.Color)	4289907907 (0xFFB2CCC3)
YUV	195.2000, -0.0986, -15.0844
Hunter-Lab	75.2269, -13.4712, 5.4085

Details

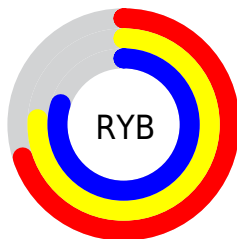
The Yxy color **56.5908, 0.2994, 0.3402** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.2584, 0.3281, 0.3181**, and the grayscale version is **54.7058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0407, 0.3016, 0.3319**, and **28.0958, 0.2962, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **54.0464, 0.2895, 0.3500**, and if you desaturate by 10%, it is **59.5138, 0.3098, 0.3313**.

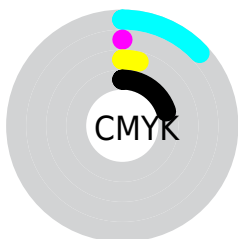
Distribution



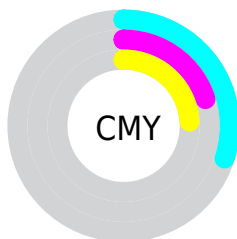
- Red (70%)
- Green (80%)
- Blue (76%)



- Red (70%)
- Yellow (76%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)




- Cyan (30%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5908, 0.2994, 0.3402 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 56.5908, 0.2994, 0.3402 by changing the saturation by 10% instead.

 56.5908, 0.2994,
0.3402

 56.5908, 0.2994,
0.3402


411.9142, 0.3059,
0.3348

 40.6768, 0.2978,
0.3415


 99.8679, 0.3017,
0.3383

 28.0666, 0.2959,
0.3432


127.9997, 0.3026,
0.3375

 18.3759, 0.2933,
0.3454


160.9730, 0.3033,
0.3369

 11.2202, 0.2898,
0.3484

199.1720, 0.3040,
0.3363

 6.2151, 0.2848,
0.3527

242.9813, 0.3045,
0.3359

 2.9763, 0.2770,
0.3595

292.7852, 0.3050,

 1.1194, 0.2628,

0.3355

0.3718

348.9680, 0.3055,
0.3351

0.0000, 0.0000,
0.0000

56.5908, 0.2994,
0.3402

56.5908, 0.2994,
0.3402

54.0464, 0.2895,
0.3500

59.5138, 0.3098,
0.3313

51.8575, 0.2802,
0.3608

62.8232, 0.3204,
0.3233

50.0092, 0.2721,
0.3724


66.5356, 0.3311,
0.3162

48.4830, 0.2652,
0.3847


69.7841, 0.3380,
0.3097

47.2583, 0.2600,
0.3976

70.1715, 0.3328,
0.3027

 46.3124, 0.2567,
0.4108


 70.5748, 0.3277,
0.2959

 45.6190, 0.2553,
0.4241

 70.9943, 0.3226,
0.2892

 45.1464, 0.2560,
0.4372

 71.4300, 0.3176,
0.2826

 44.9015, 0.2574,
0.4466

 71.6681, 0.3151,
0.2792

Harmonies

Analogous

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



56.5908, 0.3128, 0.3498



56.5908, 0.2994, 0.3402



56.5908, 0.2897, 0.3276

Triad

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



56.5908, 0.2994, 0.3402



56.5908, 0.2988, 0.3056



56.5908, 0.3401, 0.3414

Complementary

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



56.5908, 0.2994, 0.3402



48.2584, 0.3281, 0.3181

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.



56.5908, 0.3363, 0.3297



56.5908, 0.2994, 0.3402



56.5908, 0.3122, 0.3094

Square

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



56.5908, 0.2994, 0.3402



56.5908, 0.2893, 0.3078



56.5908, 0.3259, 0.3181



56.5908, 0.3365, 0.3502

Rectangle

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



56.5908, 0.2994, 0.3402



56.5908, 0.2865, 0.3194



56.5908, 0.3259, 0.3181



56.5908, 0.3397, 0.3377

Sweetspot

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



56.5932, 0.2994, 0.3402



97.8922, 0.3084, 0.3324



56.9782, 0.3182, 0.3616



20.8707, 0.3076, 0.3331



0.0000, 0.0000, 0.0000



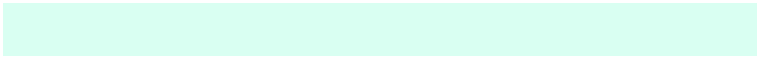
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5932, 0.2994, 0.3402



92.6335, 0.2969, 0.3425



55.1788, 0.2933, 0.3241



12.6588, 0.3029, 0.3371



28.2781, 0.2569, 0.4448



1.4728, 0.2498, 0.4194

Inverse Universe

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



48.2584, 0.3281, 0.3181



76.4660, 0.3316, 0.3159



49.4617, 0.3351, 0.3339



11.2764, 0.3237, 0.3210



8.3764, 0.5578, 0.2846



0.4464, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 56.5908, 0.2994, 0.3402 looks on a white background.

Color Contrast Check

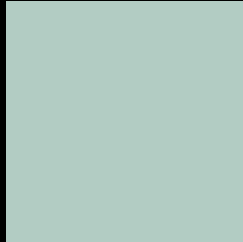
Large Text (above 18pt) WCAG AA × Fail

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 56.5908, 0.2994, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

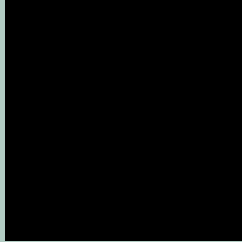
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

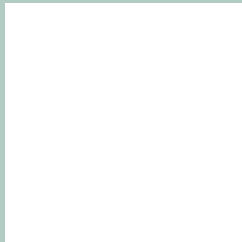
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5908, 0.2994, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 56.5908, 0.2994, 0.3402.

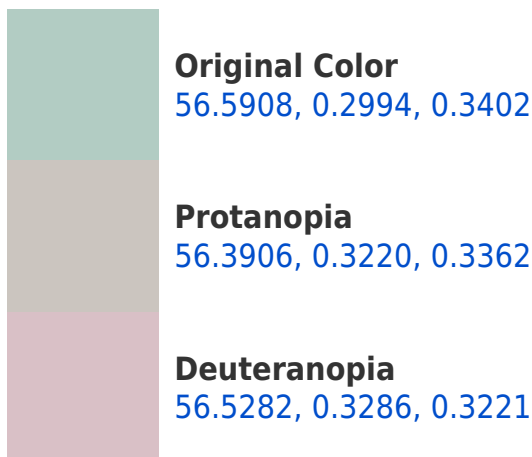


This preview shows how white text looks on a background with the Yxy color 56.5908, 0.2994, 0.3402.

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

56.7281, 0.2876, 0.3096

Trichromacy



Original Color

56.5908, 0.2994, 0.3402

Protanomaly

56.5837, 0.3138, 0.3388

Deuteranomaly

56.2076, 0.3176, 0.3278

Tritanomaly

56.6683, 0.2922, 0.3204

Monochromacy



Original Color

56.5908, 0.2994, 0.3402

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.1471, 0.3079, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5908, 0.2994, 0.3402 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, 204, 195)` looks like.

```
.text, #text, p{  
    color:rgb(178, 204, 195)  
}
```

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, 204, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 204, 195) }
```

Border

The CSS property to change the border of an element to Yxy 56.5908, 0.2994, 0.3402 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, 204, 195) }
```

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

```
.border{ border-color:rgb(178, 204, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 204, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(178, 204,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5908, 0.2994, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 204, 195) }
```

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

```
.background{ background-color: rgb(178,  
204, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor