

Converting Colors

$Yxy(58.0093, 0.2790, 0.3498)$

Have a look what the booklet for
Yxy(58.0093, 0.2790, 0.3498)
contains.

Yxy(58.0093, 0.2790, 0.3498)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.0093, 0.2790, 0.3498)

Conversions

Conversions Part 1

Format	Color
Hex	95D5C5
RGB	149, 213, 197
RGB Percent	58%, 84%, 77%
CMY	0.4155, 0.1647, 0.2276
CMYK	0.30, 0.00, 0.08, 0.16
HSL	165°, 43%, 71%
HSV	165°, 30%, 84%
XYZ	46.2681, 58.0093, 61.5582
YIQ	192.0400, -33.0080, -18.5440

Conversions

Conversions Part 2

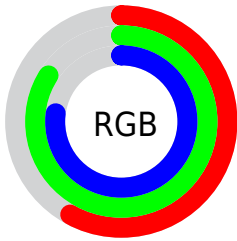
Format	Color
RYB	149, 186, 213
Decimal	9819589
CIELab	80.74, -23.68, 1.42
CIELCh	81, 23.718, 176.558
Yxy	58.0093, 0.2790, 0.3498
Android (android.graphics.Color)	4288009669 (0xFF95D5C5)
YUV	192.0400, 2.4453, -37.7461
Hunter-Lab	76.1638, -24.8512, 5.3945

Details

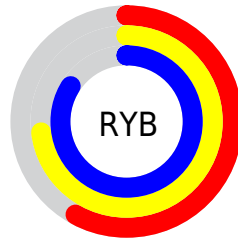
The Yxy color **58.0093, 0.2790, 0.3498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.3730, 0.3627, 0.3094**, and the grayscale version is **52.7411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6549, 0.2838, 0.3300**, and **28.9237, 0.2706, 0.3556** is the 20% darker color. If you saturate the color by 10%, you get **55.9469, 0.2695, 0.3579**, and if you desaturate by 10%, it is **60.4515, 0.2895, 0.3422**.

Distribution



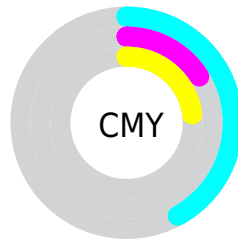
- Red (58%)
- Green (84%)
- Blue (77%)



- Red (58%)
- Yellow (73%)
- Blue (84%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (42%)
- Magenta (16%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0093, 0.2790, 0.3498 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 58.0093, 0.2790, 0.3498 by changing the saturation by 10% instead.

 58.0093, 0.2790,
0.3498

 58.0093, 0.2790,
0.3498


417.2206, 0.2952,
0.3397

 41.8161, 0.2751,
0.3522


 101.9364, 0.2848,
0.3462

 28.9573, 0.2702,
0.3553


 130.4391, 0.2870,
0.3448

 19.0486, 0.2639,
0.3593


163.8138, 0.2889,
0.3437

 11.7054, 0.2554,
0.3647

202.4449, 0.2905,
0.3427

 6.5434, 0.2433,
0.3724

246.7167, 0.2919,
0.3418

 3.1782, 0.2248,
0.3843

297.0136, 0.2931,

 1.2255, 0.1846,

0.3410

0.4095

353.7201, 0.2943,
0.3403

■ 0.0824, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0093, 0.2790,
0.3498

■ 58.0093, 0.2790,
0.3498

■ 55.9469, 0.2695,
0.3579

■ 60.4515, 0.2895,
0.3422

■ 54.2372, 0.2614,
0.3666

■ 63.2849, 0.3009,
0.3353


■ 52.8604, 0.2550,
0.3756

■ 66.5294, 0.3127,
0.3290

■ 51.7922, 0.2504,
0.3849


■ 70.2010, 0.3248,
0.3234


 51.0046, 0.2478,
0.3943


 74.2127, 0.3365,
0.3183

 50.4645, 0.2471,
0.4036

 74.5065, 0.3326,
0.3130

 50.1127, 0.2480,
0.4129

 74.8095, 0.3288,
0.3078

 75.1218, 0.3251,
0.3026

 75.4434, 0.3214,
0.2974

Harmonies

Analogous

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



58.0093, 0.3072, 0.3740



58.0093, 0.2790, 0.3498



58.0093, 0.2602, 0.3202

Triad

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



58.0093, 0.2790, 0.3498



58.0093, 0.2859, 0.2790



58.0093, 0.3740, 0.3587

Complementary

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



58.0093, 0.2790, 0.3498



38.3730, 0.3627, 0.3094

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.



58.0093, 0.3680, 0.3337



58.0093, 0.2790, 0.3498



58.0093, 0.3159, 0.2892

Square

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



58.0093, 0.2790, 0.3498



58.0093, 0.2641, 0.2807



58.0093, 0.3464, 0.3088



58.0093, 0.3626, 0.3776

Rectangle

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



58.0093, 0.2790, 0.3498



58.0093, 0.2551, 0.3025



58.0093, 0.3464, 0.3088



58.0093, 0.3740, 0.3507

Sweetspot

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



58.0117, 0.2790, 0.3498



95.5390, 0.3019, 0.3347



57.8774, 0.3210, 0.4131



20.3053, 0.3002, 0.3357



0.0000, 0.0000, 0.0000



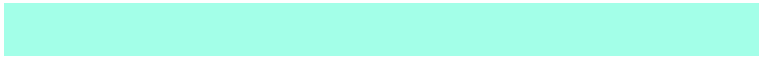
21.4041, 0.3127, 0.3290

Same Dimension

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



58.0117, 0.2790, 0.3498



85.1528, 0.2729, 0.3549



51.6205, 0.2675, 0.3095



14.0522, 0.3016, 0.3349



30.6279, 0.2477, 0.4115



1.8602, 0.2432, 0.3955

Inverse Universe

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



38.3730, 0.3627, 0.3094



51.0800, 0.3778, 0.3051



42.8553, 0.3742, 0.3476



12.4714, 0.3252, 0.3232



8.8143, 0.5914, 0.3032



0.5451, 0.5415, 0.2757

Previews

White Background



This preview shows how the Yxy color 58.0093, 0.2790, 0.3498 looks on a white background.

Color Contrast Check

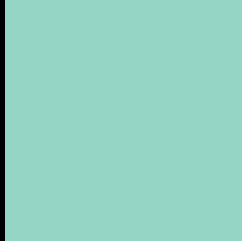
Large Text (above 18pt) WCAG AA × Fail

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 58.0093, 0.2790, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

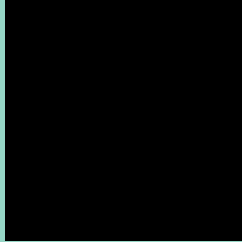
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

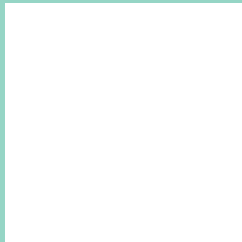
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.0093, 0.2790, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 58.0093, 0.2790, 0.3498.

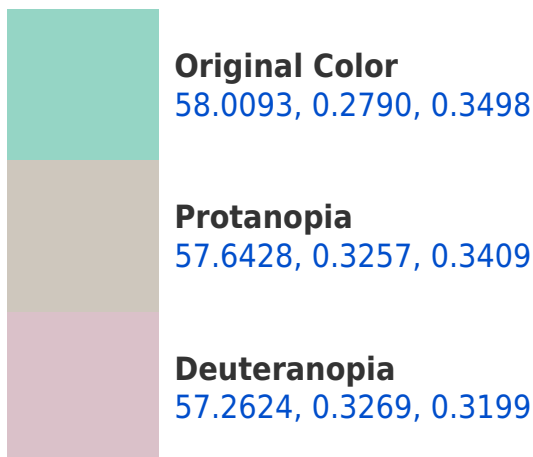


This preview shows how white text looks on a background with the Yxy color 58.0093, 0.2790, 0.3498.

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

58.0605, 0.2653, 0.3078

Trichromacy



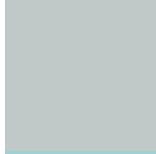
Original Color

58.0093, 0.2790, 0.3498



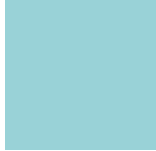
Protanomaly

57.3058, 0.3067, 0.3439



Deuteranomaly

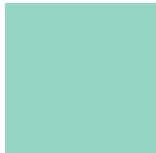
56.8161, 0.3073, 0.3290



Tritanomaly

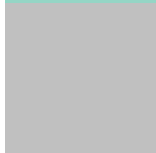
57.7718, 0.2705, 0.3226

Monochromacy



Original Color

58.0093, 0.2790, 0.3498



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

54.4337, 0.2986, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0093, 0.2790, 0.3498 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(149, 213, 197)` looks like.

```
.text, #text, p{  
    color:rgb(149, 213, 197)  
}
```

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(149, 213, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 213, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.0093, 0.2790, 0.3498 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(149, 213, 197) }
```

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

```
.border{ border-color:rgb(149, 213, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 213, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 213, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 213, 197);  
box-shadow:4px 4px 4px 4px rgb(149, 213,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0093, 0.2790, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 213, 197) }
```

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

```
.background{ background-color: rgb(149,  
213, 197) }
```

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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