

Converting Colors

$Yxy(58.5993, 0.2746, 0.3153)$

Have a look what the booklet for
Yxy(58.5993, 0.2746, 0.3153)
contains.

Yxy(58.6607, 0.2743, 0.3153)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.6607, 0.2743, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	A4D1DC
RGB	164, 209, 220
RGB Percent	64%, 82%, 86%
CMY	0.3568, 0.1804, 0.1372
CMYK	0.25, 0.05, 0.00, 0.14
HSL	192°, 44%, 75%
HSV	192°, 25%, 86%
XYZ	51.0328, 58.6607, 76.3538
YIQ	196.7990, -30.3510, -6.1190

Conversions

Conversions Part 2

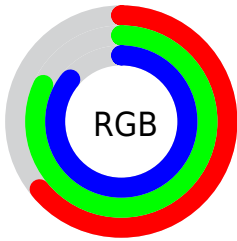
Format	Color
RYB	164, 189, 220
Decimal	10801628
CIELab	81.10, -12.17, -10.26
CIElCh	81, 15.919, 220.150
Yxy	58.6607, 0.2743, 0.3153
Android (android.graphics.Color)	4288991708 (0xFFA4D1DC)
YUV	196.7990, 11.4381, -28.7647
Hunter-Lab	76.5903, -15.0969, -5.4937

Details

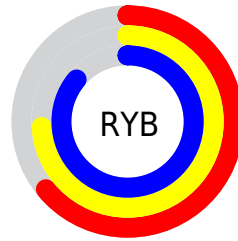
The Yxy color **58.6607, 0.2743, 0.3153** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5739, 0.3633, 0.3423**, and the grayscale version is **55.6545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **29.5388, 0.2650, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **54.4253, 0.2603, 0.3091**, and if you desaturate by 10%, it is **63.3635, 0.2891, 0.3211**.

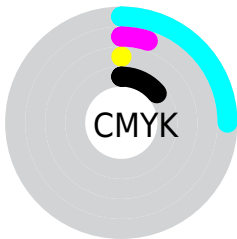
Distribution



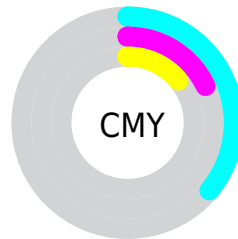
- Red (64%)
- Green (82%)
- Blue (86%)



- Red (64%)
- Yellow (74%)
- Blue (86%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)




- Cyan (36%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6607, 0.2743, 0.3153 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 58.6607, 0.2743, 0.3153 by changing the saturation by 10% instead.

 58.6607, 0.2743,
0.3153

 58.6607, 0.2743,
0.3153


419.6434, 0.2925,
0.3221

 42.3400, 0.2700,
0.3136


 102.8844, 0.2807,
0.3178

 29.3676, 0.2647,
0.3114


 131.5562, 0.2832,
0.3187

 19.3591, 0.2578,
0.3086


165.1138, 0.2853,
0.3195

 11.9301, 0.2487,
0.3046

203.9417, 0.2871,
0.3202

 6.6961, 0.2360,
0.2989

248.4242, 0.2887,
0.3208

 3.2728, 0.2172,
0.2898

298.9457, 0.2902,

 1.2757, 0.1868,

0.3213

0.2733

355.8906, 0.2914,
0.3217

0.1223, 0.0000,
0.1257

0.0000, 0.0000,
0.0000

58.6607, 0.2743,
0.3153

58.6607, 0.2743,
0.3153

54.4253, 0.2603,
0.3091

63.3635, 0.2891,
0.3211

50.6289, 0.2474,
0.3025

68.5464, 0.3043,
0.3263

47.2507, 0.2359,
0.2957

74.2304, 0.3197,
0.3311

44.2651, 0.2261,
0.2886

80.4328, 0.3351,
0.3354

41.6435, 0.2182,
0.2814

83.3810, 0.3366,
0.3397

39.3523, 0.2122,
0.2742

85.8296, 0.3360,
0.3439

37.3508, 0.2081,
0.2671

88.3384, 0.3354,
0.3481

36.5043, 0.2066,
0.2638

90.9080, 0.3349,
0.3523

93.5388, 0.3343,
0.3565

Harmonies

Analogous

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



58.6607, 0.2833, 0.3342



58.6607, 0.2743, 0.3153



58.6607, 0.2752, 0.3010

Triad

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



58.6607, 0.2743, 0.3153



58.6607, 0.3246, 0.3073



58.6607, 0.3397, 0.3647

Complementary

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



58.6607, 0.2743, 0.3153



48.5739, 0.3633, 0.3423

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.



58.6607, 0.3515, 0.3559



58.6607, 0.2743, 0.3153



58.6607, 0.3428, 0.3230

Square

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



58.6607, 0.2743, 0.3153



58.6607, 0.3037, 0.2971



58.6607, 0.3527, 0.3406



58.6607, 0.3208, 0.3636

Rectangle

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



58.6607, 0.2743, 0.3153



58.6607, 0.2812, 0.2958



58.6607, 0.3527, 0.3406



58.6607, 0.3446, 0.3627

Sweetspot

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



58.6631, 0.2743, 0.3153



93.7998, 0.3003, 0.3250



62.1570, 0.3029, 0.3876



19.8383, 0.2980, 0.3242



0.0000, 0.0000, 0.0000



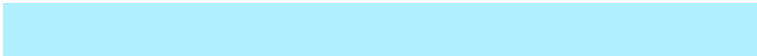
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6631, 0.2743, 0.3153



78.4387, 0.2661, 0.3118



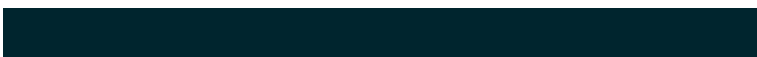
46.4172, 0.2711, 0.2802



14.3715, 0.2982, 0.3243



21.5795, 0.2069, 0.2649



1.5114, 0.2102, 0.2765

Inverse Universe

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



46.3796, 0.3250, 0.2776



58.5495, 0.3284, 0.2656



60.2739, 0.3556, 0.3734



13.2286, 0.3168, 0.3104



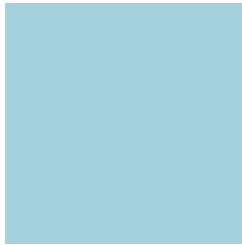
10.8022, 0.3776, 0.1854



0.7113, 0.3667, 0.1794

Previews

White Background



This preview shows how the Yxy color 58.6607, 0.2743, 0.3153 looks on a white background.

Color Contrast Check

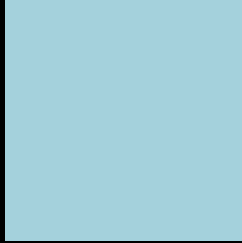
Large Text (above 18pt) WCAG AA × Fail

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 58.6607, 0.2743, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

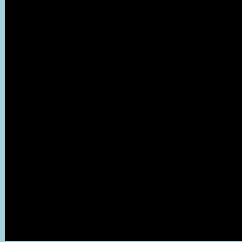
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

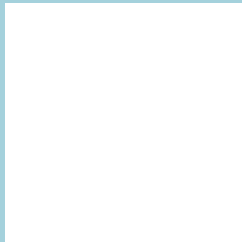
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6607, 0.2743, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 58.6607, 0.2743, 0.3153.

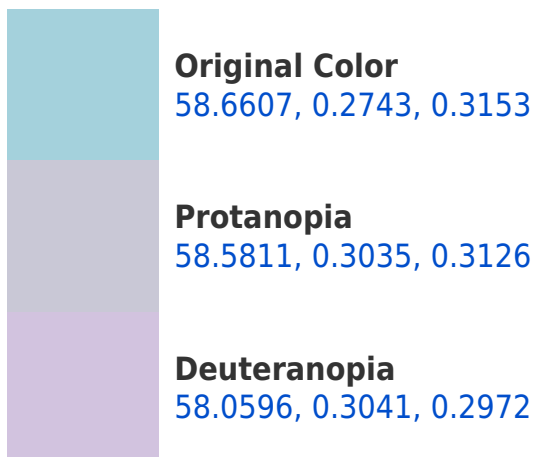


This preview shows how white text looks on a background with the Yxy color 58.6607, 0.2743, 0.3153.

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

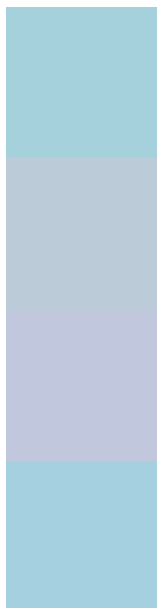




Tritanopia

58.5473, 0.2719, 0.3081

Trichromacy



Original Color

58.6607, 0.2743, 0.3153

Protanomaly

58.3611, 0.2926, 0.3134

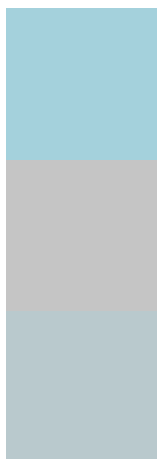
Deuteranomaly

57.9199, 0.2922, 0.3031

Tritanomaly

58.4388, 0.2731, 0.3105

Monochromacy



Original Color

58.6607, 0.2743, 0.3153

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4954, 0.2978, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6607, 0.2743, 0.3153 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(164, 209, 220)` looks like.

```
.text, #text, p{  
    color:rgb(164, 209, 220)  
}
```

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(164, 209, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 209, 220) }
```

Border

The CSS property to change the border of an element to Yxy 58.6607, 0.2743, 0.3153 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(164, 209, 220) }
```

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

```
.border{ border-color:rgb(164, 209, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 209, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 209, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 209, 220);  
box-shadow:4px 4px 4px 4px rgb(164, 209,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6607, 0.2743, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 209, 220) }
```

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

```
.background{ background-color: rgb(164,  
209, 220) }
```

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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