

Converting Colors

Yxy(58.5422, 0.2784, 0.3194)

Have a look what the booklet for
Yxy(58.5422, 0.2784, 0.3194)
contains.

Yxy(58.7743, 0.2786, 0.3203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.7743, 0.2786, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	A7D1D8
RGB	167, 209, 216
RGB Percent	65%, 82%, 85%
CMY	0.3453, 0.1803, 0.1530
CMYK	0.23, 0.03, 0.00, 0.15
HSL	189°, 39%, 75%
HSV	189°, 23%, 85%
XYZ	51.1224, 58.7743, 73.6009
YIQ	197.2400, -27.2790, -6.7270

Conversions

Conversions Part 2

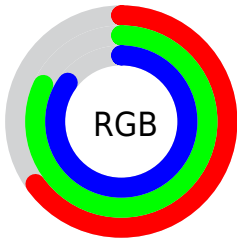
Format	Color
R _{YB}	167, 190, 216
Decimal	10998232
CIE _{Lab}	81.17, -12.20, -7.99
CIE _{LCh}	81, 14.586, 213.237
Yxy	58.7743, 0.2786, 0.3203
Android (android.graphics.Color)	4289188312 (0xFFA7D1D8)
YUV	197.2400, 9.2487, -26.5205
Hunter-Lab	76.6644, -15.1328, -3.2557

Details

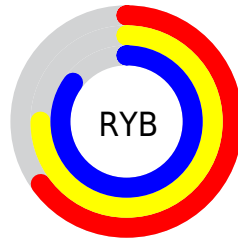
The Yxy color **58.7743, 0.2786, 0.3203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.6265, 0.3572, 0.3375**, and the grayscale version is **55.9389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4280, 0.2935, 0.3289**, and **29.5933, 0.2704, 0.3189** is the 20% darker color. If you saturate the color by 10%, you get **55.1271, 0.2647, 0.3160**, and if you desaturate by 10%, it is **62.8481, 0.2933, 0.3243**.

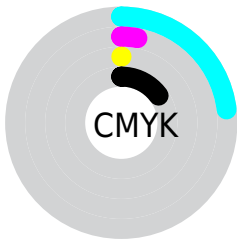
Distribution



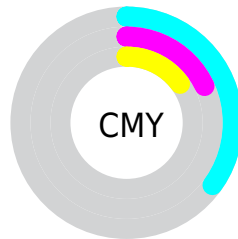
- Red (65%)
- Green (82%)
- Blue (85%)



- Red (65%)
- Yellow (75%)
- Blue (85%)



- Cyan (23%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)




- Cyan (35%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7743, 0.2786, 0.3203 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 58.7743, 0.2786, 0.3203 by changing the saturation by 10% instead.


 58.7743, 0.2786,
0.3203


 58.7743, 0.2786,
0.3203


420.0650, 0.2948,
0.3247

 42.4315, 0.2748,
0.3192


 103.0496, 0.2843,
0.3219

 29.4393, 0.2700,
0.3178


 131.7508, 0.2865,
0.3225

 19.4134, 0.2639,
0.3159


165.3402, 0.2884,
0.3230

 11.9694, 0.2557,
0.3133

204.2023, 0.2900,
0.3234

 6.7228, 0.2443,
0.3094

248.7215, 0.2915,
0.3238

 3.2894, 0.2272,
0.3031

299.2820, 0.2927,

 1.2846, 0.1992,

0.3242

0.2915

356.2684, 0.2938,
0.3244

■ 0.1292, 0.0000,
0.1559

■ 0.0000, 0.0000,
0.0000

■ 58.7743, 0.2786,
0.3203

■ 58.7743, 0.2786,
0.3203

■ 55.1271, 0.2647,
0.3160

■ 62.8481, 0.2933,
0.3243

■ 51.8796, 0.2520,
0.3113

■ 67.3596, 0.3085,
0.3281

■ 49.0129, 0.2408,
0.3065

■ 72.3283, 0.3241,
0.3314

■ 46.5035, 0.2312,
0.3016

■ 77.7705, 0.3396,
0.3345

■ 44.3253, 0.2235,
0.2965

■ 79.7196, 0.3403,
0.3375

■ 42.4480, 0.2178,
0.2915

■ 81.3871, 0.3398,
0.3406

■ 40.8353, 0.2139,
0.2865

■ 83.0846, 0.3394,
0.3436

■ 39.7802, 0.2119,
0.2828

■ 84.8121, 0.3389,
0.3466

■ 86.5699, 0.3385,
0.3496

Harmonies

Analogous

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



58.7743, 0.2888, 0.3379



58.7743, 0.2786, 0.3203



58.7743, 0.2772, 0.3059

Triad

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



58.7743, 0.2786, 0.3203



58.7743, 0.3192, 0.3064



58.7743, 0.3407, 0.3605

Complementary

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



58.7743, 0.2786, 0.3203



47.6265, 0.3572, 0.3375

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.



58.7743, 0.3494, 0.3509



58.7743, 0.2786, 0.3203



58.7743, 0.3369, 0.3199

Square

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



58.7743, 0.2786, 0.3203



58.7743, 0.3002, 0.2985



58.7743, 0.3481, 0.3360



58.7743, 0.3244, 0.3617

Rectangle

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



58.7743, 0.2786, 0.3203



58.7743, 0.2815, 0.2998



58.7743, 0.3481, 0.3360



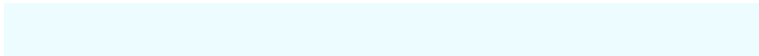
58.7743, 0.3446, 0.3581

Sweetspot

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



58.7767, 0.2786, 0.3203



95.1632, 0.3018, 0.3265



60.3486, 0.3056, 0.3836



20.2829, 0.3009, 0.3263



0.0000, 0.0000, 0.0000



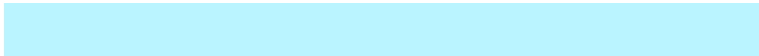
21.4041, 0.3127, 0.3290

Same Dimension

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



58.7767, 0.2786, 0.3203



83.1159, 0.2722, 0.3184



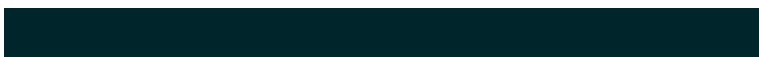
47.8379, 0.2762, 0.2894



13.7931, 0.2983, 0.3256



23.6719, 0.2121, 0.2836



1.5121, 0.2145, 0.2922

Inverse Universe

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



46.8226, 0.3212, 0.2804



63.0471, 0.3232, 0.2704



57.7749, 0.3511, 0.3656



12.6010, 0.3159, 0.3092



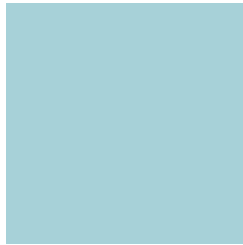
10.7345, 0.3601, 0.1758



0.6560, 0.3523, 0.1715

Previews

White Background



This preview shows how the Yxy color 58.7743, 0.2786, 0.3203 looks on a white background.

Color Contrast Check

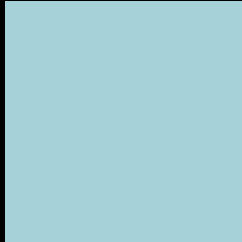
Large Text (above 18pt) WCAG AA × Fail

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 58.7743, 0.2786, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

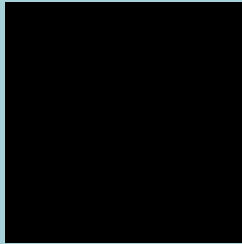
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

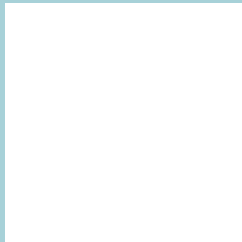
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7743, 0.2786, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 58.7743, 0.2786, 0.3203.



This preview shows how white text looks on a background with the Yxy color 58.7743, 0.2786, 0.3203.

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

58.7743, 0.2786, 0.3203

Protanopia

58.5183, 0.3071, 0.3173

Deuteranopia

58.1417, 0.3085, 0.3017



Tritanopia

58.9286, 0.2750, 0.3094

Trichromacy



Original Color

58.7743, 0.2786, 0.3203

Protanomaly

58.2842, 0.2960, 0.3182

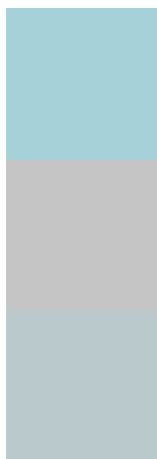
Deuteranomaly

58.1063, 0.2970, 0.3078

Tritanomaly

58.6570, 0.2762, 0.3130

Monochromacy



Original Color

58.7743, 0.2786, 0.3203

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.5720, 0.2992, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7743, 0.2786, 0.3203 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(167, 209, 216)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 216)  
}
```

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(167, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 216) }
```

Border

The CSS property to change the border of an element to Yxy 58.7743, 0.2786, 0.3203 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(167, 209, 216) }
```

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

```
.border{ border-color:rgb(167, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 209, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 209, 216); box-shadow:4px 4px 4px 4px rgb(167, 209, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7743, 0.2786, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 216) }
```

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

```
.background{ background-color: rgb(167,  
209, 216) }
```

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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