

Converting Colors

$Yxy(60.8333, 0.2798, 0.3600)$

Have a look what the booklet for
Yxy(60.8333, 0.2798, 0.3600)
contains.

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Color

Yxy(60.8062, 0.2795, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	93DBC3
RGB	147, 219, 195
RGB Percent	58%, 86%, 76%
CMY	0.4237, 0.1411, 0.2352
CMYK	0.33, 0.00, 0.11, 0.14
HSL	160°, 50%, 72%
HSV	160°, 33%, 86%
XYZ	47.2093, 60.8062, 60.8907
YIQ	194.7360, -35.2080, -22.7280

Conversions

Conversions Part 2

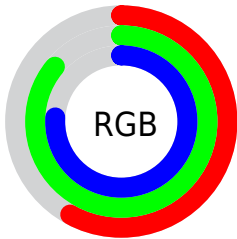
Format	Color
RYB	147, 190, 219
Decimal	9690051
CIELab	82.27, -27.62, 4.66
CIElCh	82, 28.014, 170.419
Yxy	60.8062, 0.2795, 0.3600
Android (android.graphics.Color)	4287880131 (0xFF93DBC3)
YUV	194.7360, 0.1302, -41.8645
Hunter-Lab	77.9783, -28.3955, 8.2873

Details

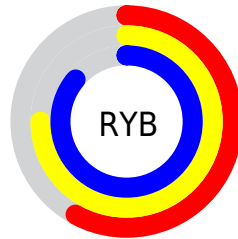
The Yxy color **60.8062, 0.2795, 0.3600** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.8514, 0.3632, 0.3003**, and the grayscale version is **54.4185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2448, 0.2837, 0.3320**, and **30.8012, 0.2711, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **58.6520, 0.2712, 0.3712**, and if you desaturate by 10%, it is **63.3668, 0.2889, 0.3496**.

Distribution



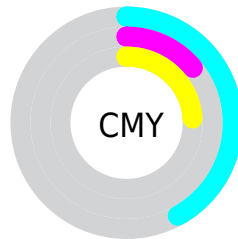
- Red (58%)
- Green (86%)
- Blue (76%)



- Red (58%)
- Yellow (75%)
- Blue (86%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)




- Cyan (42%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8062, 0.2795, 0.3600 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 60.8062, 0.2795, 0.3600 by changing the saturation by 10% instead.

 60.8062, 0.2795,
0.3600

 60.8062, 0.2795,
0.3600


427.5631, 0.2955,
0.3449

 44.0688, 0.2757,
0.3636


 105.9983, 0.2852,
0.3546

 30.7246, 0.2709,
0.3683


 135.2217, 0.2873,
0.3526

 20.3892, 0.2647,
0.3743


169.3760, 0.2892,
0.3508

 12.6783, 0.2563,
0.3825

208.8454, 0.2908,
0.3493

 7.2074, 0.2445,
0.3943

254.0145, 0.2922,
0.3480

 3.5921, 0.2264,
0.4128

305.2675, 0.2934,

 1.4481, 0.1910,

0.3468

0.4481

362.9889, 0.2945,
0.3458

0.2518, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8062, 0.2795,
0.3600

60.8062, 0.2795,
0.3600

58.6520, 0.2712,
0.3712

63.3668, 0.2889,
0.3496

56.8747, 0.2643,
0.3832


66.3468, 0.2990,
0.3400

55.4523, 0.2590,
0.3956


69.7677, 0.3096,
0.3313

54.3576, 0.2557,
0.4084

73.6474, 0.3204,
0.3236

 53.5590, 0.2543,
0.4213

 77.7257, 0.3302,
0.3166

 53.0188, 0.2550,
0.4340

 78.1474, 0.3252,
0.3095

 52.7477, 0.2564,
0.4429

 78.5866, 0.3203,
0.3025

 79.0433, 0.3154,
0.2956

 79.1492, 0.3144,
0.2940

Harmonies

Analogous

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



60.8062, 0.3134, 0.3858



60.8062, 0.2795, 0.3600



60.8062, 0.2553, 0.3254

Triad

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



60.8062, 0.2795, 0.3600



60.8062, 0.2754, 0.2706



60.8062, 0.3843, 0.3573

Complementary

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



60.8062, 0.2795, 0.3600



38.8514, 0.3632, 0.3003

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.



60.8062, 0.3733, 0.3279



60.8062, 0.2795, 0.3600



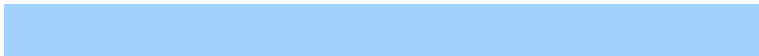
60.8062, 0.3087, 0.2798

Square

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



60.8062, 0.2795, 0.3600



60.8062, 0.2531, 0.2753



60.8062, 0.3450, 0.3003



60.8062, 0.3748, 0.3816

Rectangle

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



60.8062, 0.2795, 0.3600



60.8062, 0.2473, 0.3038



60.8062, 0.3450, 0.3003



60.8062, 0.3829, 0.3477

Sweetspot

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



60.8087, 0.2795, 0.3600



94.9456, 0.3019, 0.3375



61.4287, 0.3251, 0.4214



20.1813, 0.3004, 0.3387



0.0000, 0.0000, 0.0000



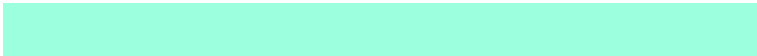
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8087, 0.2795, 0.3600



83.8113, 0.2740, 0.3671



55.9397, 0.2641, 0.3136



14.7520, 0.3026, 0.3369



31.2942, 0.2558, 0.4410



2.0431, 0.2501, 0.4205

Inverse Universe

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



38.8514, 0.3632, 0.3003



48.5454, 0.3775, 0.2946



41.9493, 0.3841, 0.3438



13.1227, 0.3240, 0.3212



9.2326, 0.5631, 0.2876



0.6138, 0.5170, 0.2622

Previews

White Background



This preview shows how the Yxy color 60.8062, 0.2795, 0.3600 looks on a white background.

Color Contrast Check

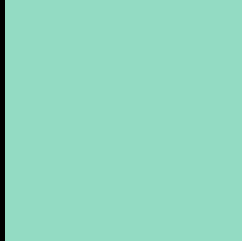
Large Text (above 18pt) WCAG AA × Fail

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 60.8062, 0.2795, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

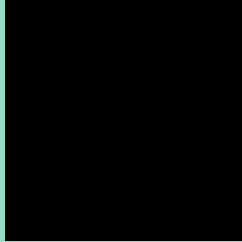
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

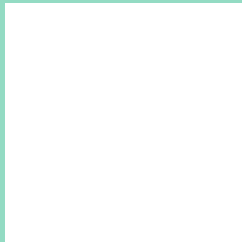
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8062, 0.2795, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 60.8062, 0.2795, 0.3600.

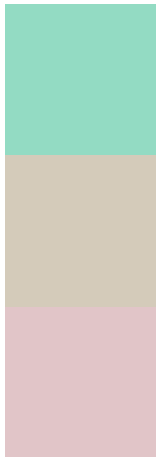


This preview shows how white text looks on a background with the Yxy color 60.8062, 0.2795, 0.3600.

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

60.8062, 0.2795, 0.3600

Protanopia

60.2541, 0.3322, 0.3489

Deuteranopia

60.1102, 0.3329, 0.3257



Tritanopia

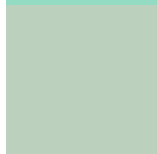
60.8312, 0.2633, 0.3081

Trichromacy



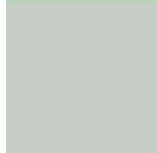
Original Color

60.8062, 0.2795, 0.3600



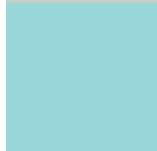
Protanomaly

59.9664, 0.3108, 0.3535



Deuteranomaly

59.6102, 0.3116, 0.3374



Tritanomaly

60.8491, 0.2690, 0.3264

Monochromacy



Original Color

60.8062, 0.2795, 0.3600



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

56.5908, 0.2994, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8062, 0.2795, 0.3600 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(147, 219, 195)` looks like.

```
.text, #text, p{  
    color:rgb(147, 219, 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(147, 219, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 219, 195) }
```

Border

The CSS property to change the border of an element to Yxy 60.8062, 0.2795, 0.3600 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(147, 219, 195) }
```

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

```
.border{ border-color:rgb(147, 219, 195) }
```

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

Here you see how a box with a 4 pixel rgb(147, 219, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 219, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 219, 195);  
box-shadow:4px 4px 4px 4px rgb(147, 219,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8062, 0.2795, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 219, 195) }
```

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

```
.background{ background-color: rgb(147,  
219, 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](#).

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