

Converting Colors

$Y_{xy}(58.9208, 0.2652, 0.3554)$

Have a look what the booklet for
Yxy(58.9208, 0.2652, 0.3554)
contains.

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Color

Yxy(59.1465, 0.2651, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	7DDBC7
RGB	125, 219, 199
RGB Percent	49%, 86%, 78%
CMY	0.5095, 0.1412, 0.2196
CMYK	0.43, 0.00, 0.09, 0.14
HSL	167°, 57%, 67%
HSV	167°, 43%, 86%
XYZ	44.1062, 59.1465, 63.1229
YIQ	188.6140, -49.6040, -26.1480

Conversions

Conversions Part 2

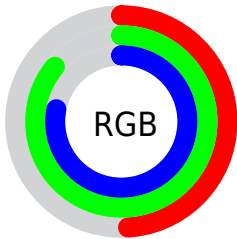
Format	Color
RYB	125, 178, 219
Decimal	8248263
CIELab	81.37, -32.61, 1.12
CIElCh	81, 32.626, 178.037
Yxy	59.1465, 0.2651, 0.3555
Android (android.graphics.Color)	4286438343 (0xFF7DDBC7)
YUV	188.6140, 5.1203, -55.7895
Hunter-Lab	76.9068, -32.2168, 5.1712

Details

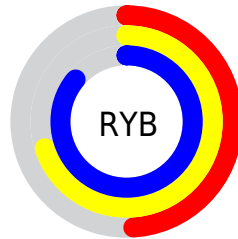
The Yxy color **59.1465, 0.2651, 0.3555** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.7939, 0.3998, 0.3050**, and the grayscale version is **50.6601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **29.8242, 0.2532, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **57.4638, 0.2571, 0.3629**, and if you desaturate by 10%, it is **61.2040, 0.2746, 0.3485**.

Distribution



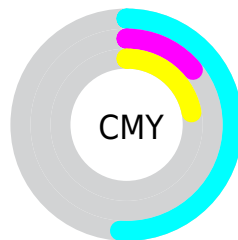
- Red (49%)
- Green (86%)
- Blue (78%)



- Red (49%)
- Yellow (70%)
- Blue (86%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)




- Cyan (51%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.1465, 0.2651, 0.3555 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 59.1465, 0.2651, 0.3555 by changing the saturation by 10% instead.

 59.1465, 0.2651,
0.3555


 59.1465, 0.2651,
0.3555


421.4446, 0.2879,
0.3428


 42.7311, 0.2597,
0.3585


 103.5906, 0.2732,
0.3510

 29.6742, 0.2529,
0.3624


 132.3880, 0.2763,
0.3493

 19.5914, 0.2442,
0.3673


 166.0815, 0.2789,
0.3478

 12.0984, 0.2326,
0.3739

205.0555, 0.2812,
0.3465

 6.8107, 0.2162,
0.3833

249.6944, 0.2832,
0.3454

 3.3440, 0.1917,
0.3976

300.3827, 0.2849,

 1.3139, 0.1315,

0.3444

0.4314

357.5046, 0.2865,
0.3435

■ 0.1519, 0.0000,
0.6352

■ 0.0000, 0.0000,
0.0000

■ 59.1465, 0.2651,
0.3555

■ 59.1465, 0.2651,
0.3555

■ 57.4638, 0.2571,
0.3629

■ 61.2040, 0.2746,
0.3485

■ 56.1245, 0.2509,
0.3705


■ 63.6511, 0.2853,
0.3420

■ 55.1040, 0.2466,
0.3783


■ 66.5105, 0.2969,
0.3360


■ 54.3711, 0.2442,
0.3861

■ 69.8011, 0.3091,
0.3305

 53.8879, 0.2438,
0.3940


 73.5404, 0.3217,
0.3255

 53.6519, 0.2443,
0.3995

 77.4637, 0.3334,
0.3211

 77.7247, 0.3301,
0.3165

 77.9927, 0.3269,
0.3119

 78.2677, 0.3237,
0.3073

Harmonies

Analogous

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



59.1465, 0.3025, 0.3905



59.1465, 0.2651, 0.3555



59.1465, 0.2412, 0.3141

Triad

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



59.1465, 0.2651, 0.3555



59.1465, 0.2779, 0.2625



59.1465, 0.3963, 0.3694

Complementary

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



59.1465, 0.2651, 0.3555



31.7939, 0.3998, 0.3050

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.



59.1465, 0.3896, 0.3359



59.1465, 0.2651, 0.3555



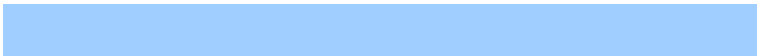
59.1465, 0.3187, 0.2769

Square

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



59.1465, 0.2651, 0.3555



59.1465, 0.2483, 0.2633



59.1465, 0.3605, 0.3030



59.1465, 0.3790, 0.3956

Rectangle

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



59.1465, 0.2651, 0.3555



59.1465, 0.2353, 0.2905



59.1465, 0.3605, 0.3030



59.1465, 0.3969, 0.3586

Sweetspot

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



59.1489, 0.2651, 0.3555



93.7996, 0.2966, 0.3361



58.2009, 0.3199, 0.4565



19.8742, 0.2940, 0.3374



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.



59.1489, 0.2651, 0.3555



81.4395, 0.2582, 0.3618



47.3488, 0.2487, 0.2931



14.7796, 0.3010, 0.3340



31.8321, 0.2440, 0.3983



2.0743, 0.2405, 0.3856

Inverse Universe

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



31.7939, 0.3998, 0.3050



38.2025, 0.4275, 0.3008



38.8980, 0.4098, 0.3615



13.0967, 0.3258, 0.3240



9.0630, 0.6030, 0.3095



0.5999, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 59.1465, 0.2651, 0.3555 looks on a white background.

Color Contrast Check

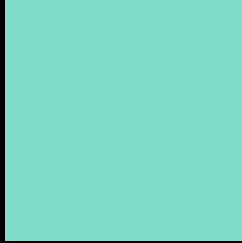
Large Text (above 18pt) WCAG AA × Fail

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 59.1465, 0.2651, 0.3555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

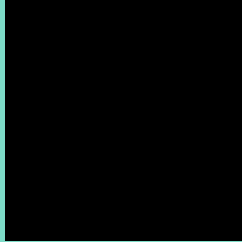
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

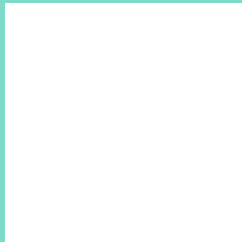
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.1465, 0.2651, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 59.1465, 0.2651, 0.3555.

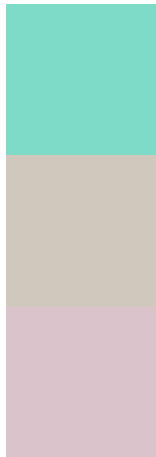


This preview shows how white text looks on a background with the Yxy color 59.1465, 0.2651, 0.3555.

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

59.1465, 0.2651, 0.3555

Protanopia

58.3926, 0.3272, 0.3420

Deuteranopia

58.4499, 0.3252, 0.3188



Tritanopia

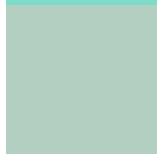
58.9877, 0.2515, 0.3063

Trichromacy



Original Color

59.1465, 0.2651, 0.3555



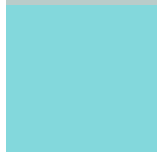
Protanomaly

57.9409, 0.3008, 0.3465



Deuteranomaly

57.7643, 0.2998, 0.3314



Tritanomaly

59.1043, 0.2565, 0.3237

Monochromacy



Original Color

59.1465, 0.2651, 0.3555



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

53.2658, 0.2920, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1465, 0.2651, 0.3555 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(125, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(125, 219, 199)  
}
```

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(125, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 59.1465, 0.2651, 0.3555 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(125, 219, 199) }
```

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

```
.border{ border-color:rgb(125, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(125, 219,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1465, 0.2651, 0.3555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 219, 199) }
```

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

```
.background{ background-color: rgb(125,  
219, 199) }
```

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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