

Converting Colors

$Yxy(60.0801, 0.2568, 0.3346)$

Have a look what the booklet for
Yxy(60.0801, 0.2568, 0.3346)
contains.

Yxy(59.9293, 0.2567, 0.3340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9293, 0.2567, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	7DDBD7
RGB	125, 219, 215
RGB Percent	49%, 86%, 84%
CMY	0.5097, 0.1412, 0.1568
CMYK	0.43, 0.00, 0.02, 0.14
HSL	177°, 57%, 67%
HSV	177°, 43%, 86%
XYZ	46.0594, 59.9293, 73.4403
YIQ	190.4380, -54.7400, -21.1720

Conversions

Conversions Part 2

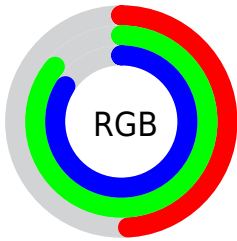
Format	Color
RYB	125, 173, 219
Decimal	8248279
CIELab	81.80, -28.82, -6.78
CIElCh	82, 29.604, 193.232
Yxy	59.9293, 0.2567, 0.3340
Android (android.graphics.Color)	4286438359 (0xFF7DDBD7)
YUV	190.4380, 12.1091, -57.3891
Hunter-Lab	77.4140, -29.2714, -2.0568

Details

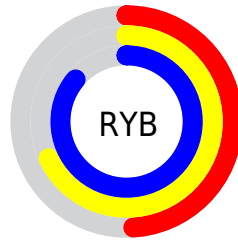
The Yxy color **59.9293, 0.2567, 0.3340** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.3207, 0.4198, 0.3245**, and the grayscale version is **51.7165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6851, 0.2711, 0.3289**, and **30.2823, 0.2433, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **58.4131, 0.2474, 0.3354**, and if you desaturate by 10%, it is **61.8139, 0.2677, 0.3327**.

Distribution



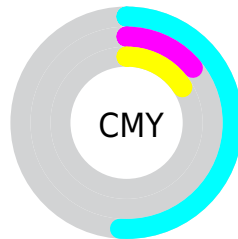
- Red (49%)
- Green (86%)
- Blue (84%)



- Red (49%)
- Yellow (68%)
- Blue (86%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)





- Cyan (51%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9293, 0.2567, 0.3340 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 59.9293, 0.2567, 0.3340 by changing the saturation by 10% instead.


 59.9293, 0.2567,
0.3340

 59.9293, 0.2567,
0.3340


424.3371, 0.2831,
0.3321

 43.3617, 0.2506,
0.3343


 104.7271, 0.2660,
0.3334

 30.1690, 0.2429,
0.3346


 133.7260, 0.2695,
0.3332

 19.9669, 0.2332,
0.3350


 167.6375, 0.2726,
0.3330

 12.3710, 0.2203,
0.3352

206.8460, 0.2753,
0.3328

 6.9969, 0.2026,
0.3350

251.7358, 0.2776,
0.3326

 3.4601, 0.1770,
0.3339

302.6913, 0.2797,

 1.3764, 0.1299,

0.3324

360.0969, 0.2815,
0.3322

0.3322

0.1992, 0.0000,
0.2239

0.0000, 0.0000,
0.0000

59.9293, 0.2567,
0.3340

59.9293, 0.2567,
0.3340

58.4131, 0.2474,
0.3354

61.8139, 0.2677,
0.3327

57.2340, 0.2399,
0.3367


64.0817, 0.2802,
0.3315

56.3673, 0.2344,
0.3381

66.7552, 0.2938,
0.3303


55.7819, 0.2307,
0.3395


69.8534, 0.3084,
0.3293


 55.4401, 0.2289,
0.3409

 73.3937, 0.3235,
0.3283

 55.3012, 0.2283,
0.3419

 77.1203, 0.3379,
0.3275

 77.1698, 0.3372,
0.3265

 77.2196, 0.3366,
0.3256

 77.2696, 0.3359,
0.3247

Harmonies

Analogous

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



59.9293, 0.2854, 0.3700



59.9293, 0.2567, 0.3340



59.9293, 0.2429, 0.2992

Triad

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



59.9293, 0.2567, 0.3340



59.9293, 0.2993, 0.2735



59.9293, 0.3829, 0.3793

Complementary

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



59.9293, 0.2567, 0.3340



31.3207, 0.4198, 0.3245

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.



59.9293, 0.3880, 0.3515



59.9293, 0.2567, 0.3340



59.9293, 0.3380, 0.2926

Square

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



59.9293, 0.2567, 0.3340



59.9293, 0.2662, 0.2670



59.9293, 0.3713, 0.3203



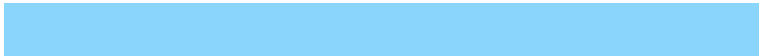
59.9293, 0.3584, 0.3959

Rectangle

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



59.9293, 0.2567, 0.3340



59.9293, 0.2432, 0.2818



59.9293, 0.3713, 0.3203



59.9293, 0.3870, 0.3709

Sweetspot

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



59.9317, 0.2567, 0.3340



94.1558, 0.2935, 0.3304



56.8681, 0.3094, 0.4607



19.9630, 0.2904, 0.3306



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.



59.9317, 0.2567, 0.3340



82.7464, 0.2486, 0.3352



40.8082, 0.2450, 0.2708



14.8195, 0.2988, 0.3300



32.7959, 0.2283, 0.3417



2.1277, 0.2276, 0.3394

Inverse Universe

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



31.3207, 0.4198, 0.3245



37.5387, 0.4540, 0.3238



44.2951, 0.4014, 0.3799



13.0604, 0.3285, 0.3281



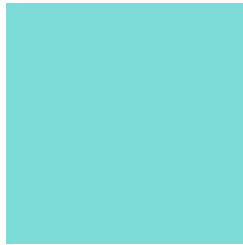
8.9460, 0.6353, 0.3273



0.5828, 0.6210, 0.3195

Previews

White Background



This preview shows how the Yxy color 59.9293, 0.2567, 0.3340 looks on a white background.

Color Contrast Check

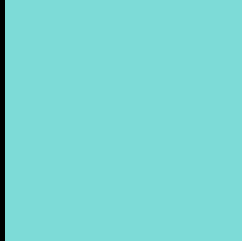
Large Text (above 18pt) WCAG AA × Fail

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 59.9293, 0.2567, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

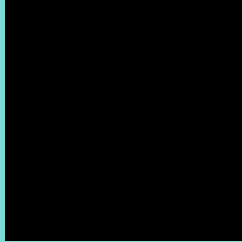
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

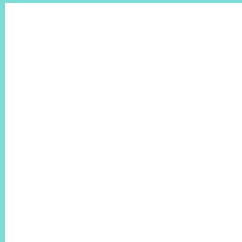
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9293, 0.2567, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 59.9293, 0.2567, 0.3340.

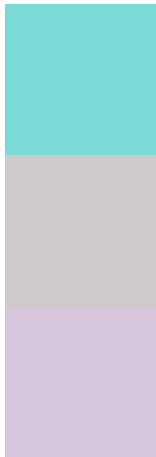


This preview shows how white text looks on a background with the Yxy color 59.9293, 0.2567, 0.3340.

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

59.9293, 0.2567, 0.3340

Protanopia

59.1121, 0.3137, 0.3255

Deuteranopia

59.3960, 0.3093, 0.3031



Tritanopia

59.7981, 0.2490, 0.3063

Trichromacy



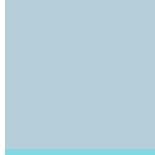
Original Color

59.9293, 0.2567, 0.3340



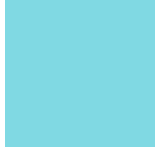
Protanomaly

58.8959, 0.2896, 0.3289



Deuteranomaly

58.6697, 0.2872, 0.3133



Tritanomaly

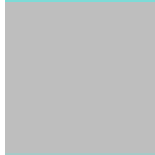
59.7610, 0.2517, 0.3161

Monochromacy



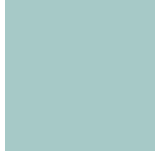
Original Color

59.9293, 0.2567, 0.3340



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.0038, 0.2880, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9293, 0.2567, 0.3340 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(125, 219, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 219, 215) }
```

Border

The CSS property to change the border of an element to Yxy 59.9293, 0.2567, 0.3340 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, 215) }
```

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

```
.border{ border-color:rgb(125, 219, 215) }
```

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, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(125, 219,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9293, 0.2567, 0.3340 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, 215) }
```

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

```
.background{ background-color: rgb(125,  
219, 215) }
```

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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