

Converting Colors

$Yxy(59.9012, 0.2461, 0.3424)$

Have a look what the booklet for
Yxy(59.9012, 0.2461, 0.3424)
contains.

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Color

Yxy(60.0123, 0.2458, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	5FDFD5
RGB	95, 223, 213
RGB Percent	37%, 87%, 84%
CMY	0.6279, 0.1254, 0.1648
CMYK	0.57, 0.00, 0.04, 0.13
HSL	175°, 67%, 62%
HSV	175°, 57%, 87%
XYZ	43.1064, 60.0123, 72.2533
YIQ	183.5880, -73.0780, -30.2460

Conversions

Conversions Part 2

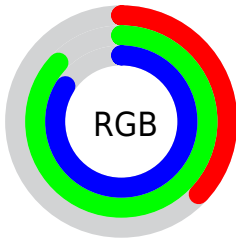
Format	Color
RYB	95, 162, 223
Decimal	6283221
CIELab	81.84, -37.59, -5.75
CIELCh	82, 38.029, 188.694
Yxy	60.0123, 0.2458, 0.3422
Android (android.graphics.Color)	4284473301 (0xFF5FDFD5)
YUV	183.5880, 14.5001, -77.6917
Hunter-Lab	77.4676, -36.2429, -1.0719

Details

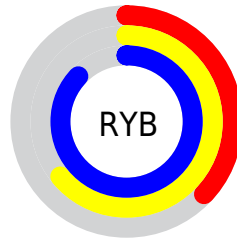
The Yxy color **60.0123, 0.2458, 0.3422** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **24.8723, 0.4744, 0.3184**, and the grayscale version is **47.6270, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8079, 0.2588, 0.3288**, and **30.1319, 0.2296, 0.3452** is the 20% darker color. If you saturate the color by 10%, you get **58.9000, 0.2394, 0.3449**, and if you desaturate by 10%, it is **61.4718, 0.2540, 0.3396**.

Distribution



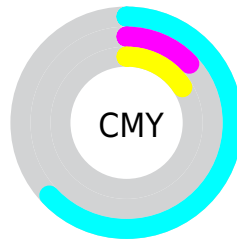
- Red (37%)
- Green (87%)
- Blue (84%)



- Red (37%)
- Yellow (64%)
- Blue (87%)



- Cyan (57%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)




- Cyan (63%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0123, 0.2458, 0.3422 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 60.0123, 0.2458, 0.3422 by changing the saturation by 10% instead.


 60.0123, 0.2458,
0.3422

 60.0123, 0.2458,
0.3422


424.6431, 0.2773,
0.3365

 43.4285, 0.2385,
0.3434

 104.8475, 0.2568,
0.3403


 30.2215, 0.2294,
0.3448


 133.8678, 0.2611,
0.3395

 20.0068, 0.2179,
0.3465


 167.8023, 0.2647,
0.3389

 12.4000, 0.2028,
0.3484

 207.0355, 0.2679,
0.3383

 7.0167, 0.1822,
0.3506

251.9518, 0.2707,
0.3378

 3.4725, 0.1527,
0.3526

302.9356, 0.2732,

 1.3831, 0.0859,

0.3373

360.3712, 0.2753,
0.3369

0.3615

0.2042, 0.0000,
0.2465

0.0000, 0.0000,
0.0000

60.0123, 0.2458,
0.3422

60.0123, 0.2458,
0.3422

58.9000, 0.2394,
0.3449

61.4718, 0.2540,
0.3396

58.0978, 0.2350,
0.3475


63.2982, 0.2640,
0.3371

57.5729, 0.2325,
0.3502

65.5175, 0.2755,
0.3347

57.2776, 0.2316,
0.3528

68.1517, 0.2883,
0.3325

 57.2194, 0.2315,
0.3535

 71.2212, 0.3020,
0.3304

 74.7448, 0.3164,
0.3285

 78.7405, 0.3312,
0.3268

 79.5879, 0.3329,
0.3251

 79.6847, 0.3317,
0.3234

Harmonies

Analogous

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



60.0123, 0.2839, 0.3886



60.0123, 0.2458, 0.3422



60.0123, 0.2259, 0.2958

Triad

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



60.0123, 0.2458, 0.3422



60.0123, 0.2880, 0.2570



60.0123, 0.4052, 0.3870

Complementary

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



60.0123, 0.2458, 0.3422



24.8723, 0.4744, 0.3184

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.



60.0123, 0.4081, 0.3502



60.0123, 0.2458, 0.3422



60.0123, 0.3373, 0.2786

Square

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



60.0123, 0.2458, 0.3422



60.0123, 0.2487, 0.2512



60.0123, 0.3826, 0.3116



60.0123, 0.3764, 0.4127

Rectangle

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



60.0123, 0.2458, 0.3422



60.0123, 0.2243, 0.2725



60.0123, 0.3826, 0.3116



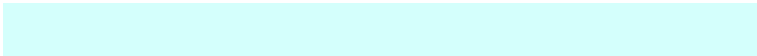
60.0123, 0.4094, 0.3754

Sweetspot

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



60.0146, 0.2458, 0.3422



92.4685, 0.2887, 0.3324



56.6459, 0.3097, 0.5107



19.6266, 0.2861, 0.3329



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.



60.0146, 0.2458, 0.3422



79.5489, 0.2384, 0.3454



36.3656, 0.2248, 0.2528



15.5529, 0.2992, 0.3308



33.6460, 0.2314, 0.3531



2.3377, 0.2303, 0.3490

Inverse Universe

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



24.8723, 0.4744, 0.3184



27.6463, 0.5296, 0.3182



37.7803, 0.4459, 0.3906



13.7179, 0.3280, 0.3272



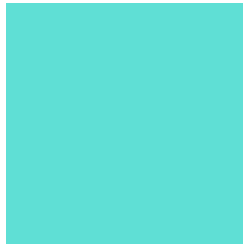
9.2554, 0.6312, 0.3251



0.6477, 0.6074, 0.3120

Previews

White Background



This preview shows how the Yxy color 60.0123, 0.2458, 0.3422 looks on a white background.

Color Contrast Check

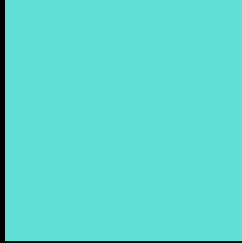
Large Text (above 18pt) WCAG AA × Fail

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 60.0123, 0.2458, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

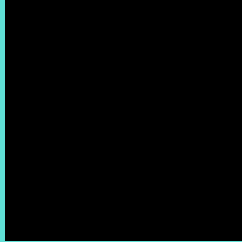
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

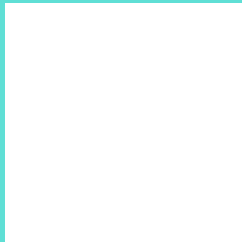
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.0123, 0.2458, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 60.0123, 0.2458, 0.3422.

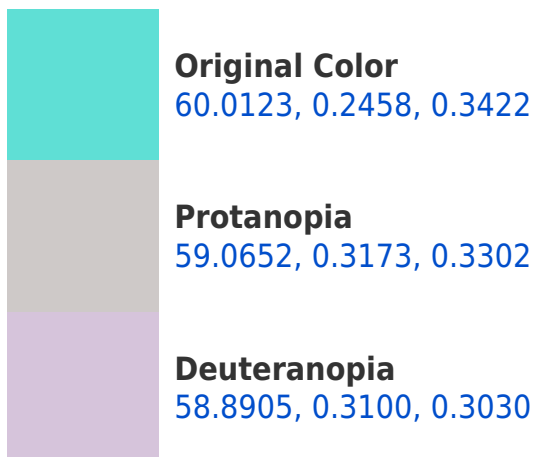


This preview shows how white text looks on a background with the Yxy color 60.0123, 0.2458, 0.3422.

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

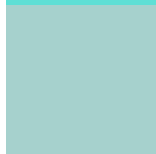
59.7205, 0.2373, 0.3059

Trichromacy



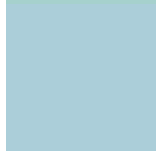
Original Color

60.0123, 0.2458, 0.3422



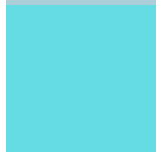
Protanomaly

58.1157, 0.2847, 0.3339



Deuteranomaly

57.8103, 0.2804, 0.3154



Tritanomaly

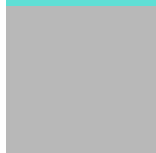
59.5545, 0.2404, 0.3184

Monochromacy



Original Color

60.0123, 0.2458, 0.3422



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

51.0037, 0.2806, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0123, 0.2458, 0.3422 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(95, 223, 213)` looks like.

```
.text, #text, p{  
    color:rgb(95, 223, 213)  
}
```

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(95, 223, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 223, 213) }
```

Border

The CSS property to change the border of an element to Yxy 60.0123, 0.2458, 0.3422 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(95, 223, 213) }
```

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

```
.border{ border-color:rgb(95, 223, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 223, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 223, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 223, 213);  
box-shadow:4px 4px 4px 4px rgb(95, 223,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0123, 0.2458, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 223, 213) }
```

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

```
.background{ background-color: rgb(95, 223,  
213) }
```

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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