

Converting Colors

$Yxy(61.4804, 0.2458, 0.3445)$

Have a look what the booklet for
Yxy(61.4804, 0.2458, 0.3445)
contains.

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Color

Yxy(61.6274, 0.2458, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	5EE2D6
RGB	94, 226, 214
RGB Percent	37%, 89%, 84%
CMY	0.6317, 0.1137, 0.1607
CMYK	0.58, 0.00, 0.05, 0.11
HSL	175°, 69%, 63%
HSV	175°, 58%, 89%
XYZ	43.9455, 61.6274, 73.2127
YIQ	185.1640, -74.8200, -31.7160

Conversions

Conversions Part 2

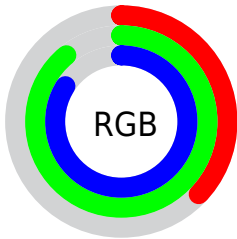
Format	Color
RYB	94, 163, 226
Decimal	6218454
CIELab	82.71, -38.87, -5.02
CIELCh	83, 39.188, 187.356
Yxy	61.6274, 0.2458, 0.3447
Android (android.graphics.Color)	4284408534 (0xFF5EE2D6)
YUV	185.1640, 14.2161, -79.9508
Hunter-Lab	78.5031, -37.4574, -0.3422




Details

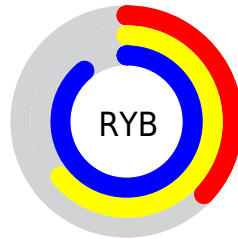
The Yxy color **61.6274, 0.2458, 0.3447** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **25.1994, 0.4767, 0.3165**, and the grayscale version is **48.5521, 0.3127, 0.3290**.




A 20% lighter version of the original color is **85.8079, 0.2588, 0.3288**, and **31.2527, 0.2302, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **60.5019, 0.2397, 0.3478**, and if you desaturate by 10%, it is **63.1085, 0.2538, 0.3417**.

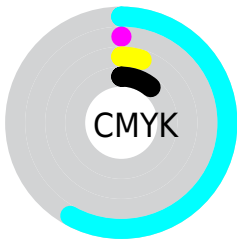
Distribution







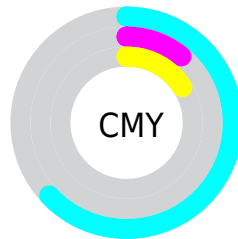
-  Red (37%)
-  Green (89%)
-  Blue (84%)






-  Red (37%)
-  Yellow (64%)
-  Blue (89%)



-  Cyan (58%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (11%)




-  Cyan (63%)
-  Magenta (11%)
-  Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6274, 0.2458, 0.3447 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 61.6274, 0.2458, 0.3447 by changing the saturation by 10% instead.

 61.6274, 0.2458,
0.3447

 61.6274, 0.2458,
0.3447


430.5707, 0.2772,
0.3378


 44.7317, 0.2386,
0.3462

 107.1868, 0.2568,
0.3424


 31.2461, 0.2296,
0.3480

 136.6194, 0.2610,
0.3414

 20.7864, 0.2182,
0.3501


 170.9996, 0.2646,
0.3406

 12.9679, 0.2033,
0.3527

 210.7120, 0.2678,
0.3399

 7.4065, 0.1830,
0.3558

256.1409, 0.2706,
0.3393

 3.7176, 0.1542,
0.3594

307.6707, 0.2730,

 1.5169, 0.0946,

0.3387

365.6858, 0.2752,
0.3382

0.3689

0.3006, 0.0000,
0.3071

0.0000, 0.0000,
0.0000

61.6274, 0.2458,
0.3447

61.6274, 0.2458,
0.3447

60.5019, 0.2397,
0.3478

63.1085, 0.2538,
0.3417

59.6934, 0.2356,
0.3509

64.9659, 0.2635,
0.3387

59.1671, 0.2333,
0.3540


67.2269, 0.2748,
0.3359

58.8685, 0.2327,
0.3571

69.9143, 0.2873,
0.3333


 58.8304, 0.2327,
0.3576

 73.0492, 0.3008,
0.3309

 76.6513, 0.3150,
0.3287

 80.7392, 0.3295,
0.3267

 81.3956, 0.3302,
0.3247

 81.5118, 0.3288,
0.3226

Harmonies

Analogous

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



61.6274, 0.2853, 0.3918



61.6274, 0.2458, 0.3447



61.6274, 0.2246, 0.2969

Triad

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



61.6274, 0.2458, 0.3447



61.6274, 0.2853, 0.2550



61.6274, 0.4079, 0.3866

Complementary

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



61.6274, 0.2458, 0.3447



25.1994, 0.4767, 0.3165

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.



61.6274, 0.4096, 0.3487



61.6274, 0.2458, 0.3447



61.6274, 0.3355, 0.2763

Square

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



61.6274, 0.2458, 0.3447



61.6274, 0.2460, 0.2498



61.6274, 0.3824, 0.3095



61.6274, 0.3794, 0.4136

Rectangle

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



61.6274, 0.2458, 0.3447



61.6274, 0.2224, 0.2726



61.6274, 0.3824, 0.3095



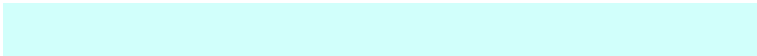
61.6274, 0.4118, 0.3746

Sweetspot

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



61.6298, 0.2458, 0.3447



92.0445, 0.2877, 0.3332



58.3385, 0.3107, 0.5135



19.4658, 0.2839, 0.3340



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.



61.6298, 0.2458, 0.3447



79.2974, 0.2387, 0.3484



37.8201, 0.2241, 0.2544



15.5498, 0.2994, 0.3311



33.5686, 0.2325, 0.3571



2.3332, 0.2312, 0.3523

Inverse Universe

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



25.1994, 0.4767, 0.3165



27.2830, 0.5313, 0.3164



37.7679, 0.4509, 0.3890



13.7206, 0.3278, 0.3269



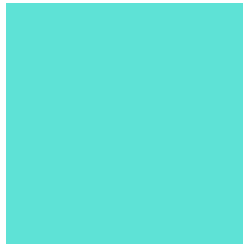
9.2616, 0.6294, 0.3241



0.6490, 0.6026, 0.3093

Previews

White Background



This preview shows how the Yxy color 61.6274, 0.2458, 0.3447 looks on a white background.

Color Contrast Check

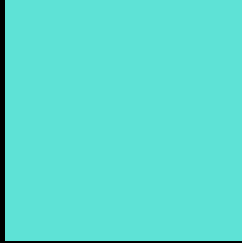
Large Text (above 18pt) WCAG AA × Fail

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 61.6274, 0.2458, 0.3447 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

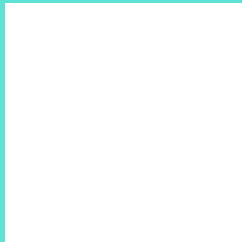
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6274, 0.2458, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 61.6274, 0.2458, 0.3447.

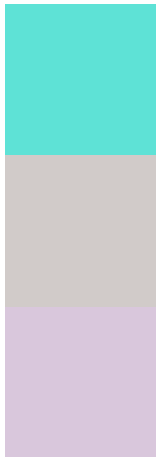


This preview shows how white text looks on a background with the Yxy color 61.6274, 0.2458, 0.3447.

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

61.6274, 0.2458, 0.3447

Protanopia

60.4842, 0.3188, 0.3313

Deuteranopia

60.7659, 0.3115, 0.3055



Tritanopia

61.4769, 0.2368, 0.3061

Trichromacy



Original Color

61.6274, 0.2458, 0.3447



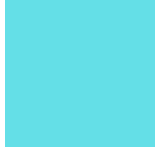
Protanomaly

59.2603, 0.2849, 0.3352



Deuteranomaly

59.4335, 0.2807, 0.3179



Tritanomaly

61.2542, 0.2395, 0.3185

Monochromacy



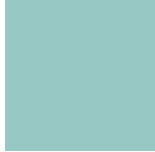
Original Color

61.6274, 0.2458, 0.3447



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.9695, 0.2802, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6274, 0.2458, 0.3447 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(94, 226, 214)` looks like.

```
.text, #text, p{  
    color:rgb(94, 226, 214)  
}
```

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(94, 226, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 226, 214) }
```

Border

The CSS property to change the border of an element to Yxy 61.6274, 0.2458, 0.3447 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(94, 226, 214) }
```

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

```
.border{ border-color:rgb(94, 226, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 226, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 226, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 226, 214);  
box-shadow:4px 4px 4px 4px rgb(94, 226,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6274, 0.2458, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 226, 214) }
```

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

```
.background{ background-color: rgb(94, 226,  
214) }
```

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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