

Converting Colors

$Yxy(60.4600, 0.2490, 0.3699)$

Have a look what the booklet for
Yxy(60.4600, 0.2490, 0.3699)
contains.

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Color

Yxy(60.6317, 0.2489, 0.3702)

Conversions

Conversions Part 1

Format	Color
Hex	4FE3C5
RGB	79, 227, 197
RGB Percent	31%, 89%, 77%
CMY	0.6906, 0.1098, 0.2274
CMYK	0.65, 0.00, 0.13, 0.11
HSL	168°, 73%, 60%
HSV	168°, 65%, 89%
XYZ	40.7651, 60.6317, 62.3842
YIQ	179.3280, -78.5780, -40.7060

Conversions

Conversions Part 2

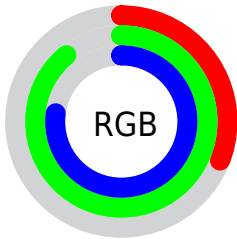
Format	Color
RYB	79, 161, 227
Decimal	5235653
CIELab	82.18, -46.12, 3.16
CIELCh	82, 46.231, 176.075
Yxy	60.6317, 0.2489, 0.3702
Android (android.graphics.Color)	4283425733 (0xFF4FE3C5)
YUV	179.3280, 8.7123, -87.9877
Hunter-Lab	77.8664, -42.8167, 7.0051

Details

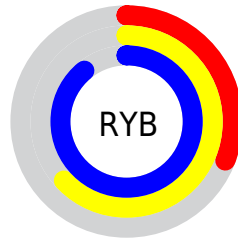
The Yxy color **60.6317, 0.2489, 0.3702** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **23.0099, 0.4825, 0.2983**, and the grayscale version is **45.2323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6050, 0.2541, 0.3299**, and **31.1090, 0.2392, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **59.6152, 0.2450, 0.3776**, and if you desaturate by 10%, it is **61.9914, 0.2548, 0.3629**.

Distribution



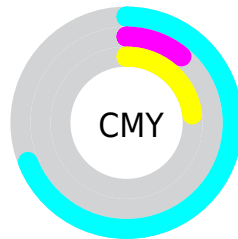
- Red (31%)
- Green (89%)
- Blue (77%)



- Red (31%)
- Yellow (63%)
- Blue (89%)



- Cyan (65%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)





- Cyan (69%)
- Magenta (11%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6317, 0.2489, 0.3702 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 60.6317, 0.2489, 0.3702 by changing the saturation by 10% instead.


 60.6317, 0.2489,
0.3702


 60.6317, 0.2489,
0.3702


426.9223, 0.2793,
0.3503


 43.9280, 0.2418,
0.3750


 105.7455, 0.2596,
0.3631

 30.6139, 0.2328,
0.3809


 134.9244, 0.2637,
0.3604

 20.3050, 0.2214,
0.3887


 169.0304, 0.2673,
0.3581

 12.6170, 0.2062,
0.3991

 208.4481, 0.2703,
0.3561

 7.1653, 0.1852,
0.4138

253.5617, 0.2730,
0.3544

 3.5657, 0.1545,
0.4360

304.7557, 0.2754,

 1.4337, 0.0544,

0.3529

362.4144, 0.2775,
0.3515

0.5004

0.2414, 0.0000,
0.8530

0.0000, 0.0000,
0.0000

60.6317, 0.2489,
0.3702

60.6317, 0.2489,
0.3702

59.6152, 0.2450,
0.3776

61.9914, 0.2548,
0.3629

58.8993, 0.2430,
0.3851


63.7178, 0.2624,
0.3559


58.4427, 0.2429,
0.3925


65.8403, 0.2717,
0.3491


58.2826, 0.2433,
0.3960


68.3835, 0.2822,
0.3428

 71.3699, 0.2938,
0.3370

 74.8203, 0.3061,
0.3316

 78.7545, 0.3188,
0.3268

 82.1336, 0.3278,
0.3223

 82.4010, 0.3248,
0.3178

Harmonies

Analogous

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



60.6317, 0.3006, 0.4206



60.6317, 0.2489, 0.3702



60.6317, 0.2161, 0.3099

Triad

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



60.6317, 0.2489, 0.3702



60.6317, 0.2607, 0.2383



60.6317, 0.4302, 0.3790

Complementary

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



60.6317, 0.2489, 0.3702



23.0099, 0.4825, 0.2983

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.



60.6317, 0.4195, 0.3333



60.6317, 0.2489, 0.3702



60.6317, 0.3162, 0.2564

Square

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



60.6317, 0.2489, 0.3702



60.6317, 0.2227, 0.2397



60.6317, 0.3760, 0.2901



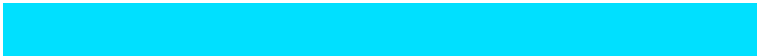
60.6317, 0.4065, 0.4182

Rectangle

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



60.6317, 0.2489, 0.3702



60.6317, 0.2075, 0.2765



60.6317, 0.3760, 0.2901



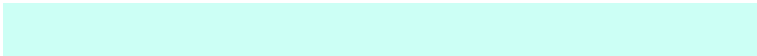
60.6317, 0.4307, 0.3639

Sweetspot

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



60.6341, 0.2489, 0.3702



90.9299, 0.2881, 0.3398



58.8859, 0.3187, 0.5296



19.2320, 0.2848, 0.3414



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.



60.6341, 0.2489, 0.3702



77.2554, 0.2441, 0.3800



41.9199, 0.2217, 0.2699



16.2837, 0.3008, 0.3338



34.0036, 0.2430, 0.3948



2.5255, 0.2400, 0.3840

Inverse Universe

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



23.0099, 0.4825, 0.2983



24.9497, 0.5373, 0.2993



30.5351, 0.4890, 0.3742



14.4155, 0.3261, 0.3243



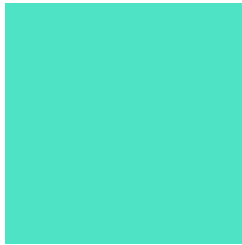
9.6525, 0.6063, 0.3114



0.7264, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 60.6317, 0.2489, 0.3702 looks on a white background.

Color Contrast Check

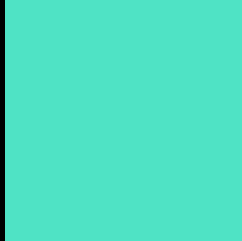
Large Text (above 18pt) WCAG AA × Fail

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 60.6317, 0.2489, 0.3702 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

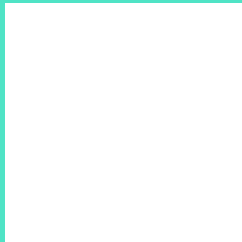
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6317, 0.2489, 0.3702

Background



This preview shows how black text looks on a background with the Yxy color 60.6317, 0.2489, 0.3702.



This preview shows how white text looks on a background with the Yxy color 60.6317, 0.2489, 0.3702.

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

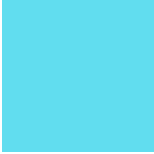
60.6317, 0.2489, 0.3702

Protanopia

59.5506, 0.3331, 0.3502

Deuteranopia

59.3691, 0.3275, 0.3200



Tritanopia

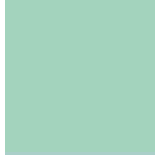
60.4863, 0.2345, 0.3059

Trichromacy



Original Color

60.6317, 0.2489, 0.3702



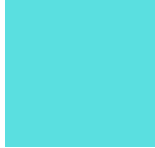
Protanomaly

58.0492, 0.2929, 0.3573



Deuteranomaly

57.3887, 0.2898, 0.3365



Tritanomaly

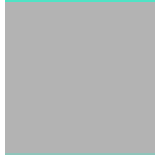
60.3308, 0.2391, 0.3275

Monochromacy



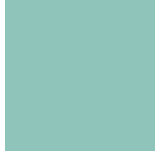
Original Color

60.6317, 0.2489, 0.3702



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

48.8647, 0.2801, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6317, 0.2489, 0.3702 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(79, 227, 197)` looks like.

```
.text, #text, p{  
  color:rgb(79, 227, 197)  
}
```

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(79, 227, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 227, 197) }
```

Border

The CSS property to change the border of an element to Yxy 60.6317, 0.2489, 0.3702 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(79, 227, 197) }
```

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

```
.border{ border-color:rgb(79, 227, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 227, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 227, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 227, 197);  
box-shadow:4px 4px 4px 4px rgb(79, 227,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6317, 0.2489, 0.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 227, 197) }
```

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

```
.background{ background-color: rgb(79, 227,  
197) }
```

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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