

Converting Colors

$Yxy(60.7321, 0.2450, 0.3229)$

Have a look what the booklet for
Yxy(60.7321, 0.2450, 0.3229)
contains.

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Color

Yxy(60.5189, 0.2451, 0.3224)

Conversions

Conversions Part 1

Format	Color
Hex	6EDDE2
RGB	110, 221, 226
RGB Percent	43%, 87%, 89%
CMY	0.5687, 0.1333, 0.1138
CMYK	0.51, 0.02, 0.00, 0.11
HSL	183°, 67%, 66%
HSV	183°, 51%, 89%
XYZ	46.0086, 60.5189, 81.1862
YIQ	188.3810, -67.7610, -21.9770

Conversions

Conversions Part 2

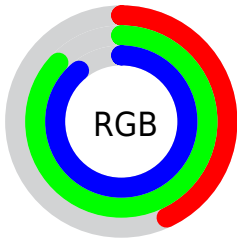
Format	Color
R _{YB}	110, 167, 226
Decimal	7265762
CIE _{Lab}	82.12, -30.34, -12.19
CIE _{LCh}	82, 32.697, 201.884
Y _{xy}	60.5189, 0.2451, 0.3224
Android (android.graphics.Color)	4285455842 (0xFF6EDDE2)
YUV	188.3810, 18.5462, -68.7401
Hunter-Lab	77.7939, -30.5714, -7.4197

Details

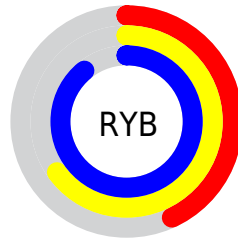
The Yxy color **60.5189, 0.2451, 0.3224** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.5375, 0.4571, 0.3351**, and the grayscale version is **50.4361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1750, 0.2647, 0.3289**, and **30.7263, 0.2290, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **58.7433, 0.2365, 0.3210**, and if you desaturate by 10%, it is **62.6716, 0.2555, 0.3238**.

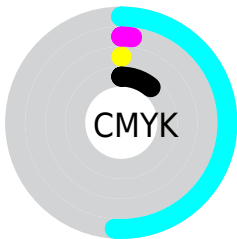
Distribution



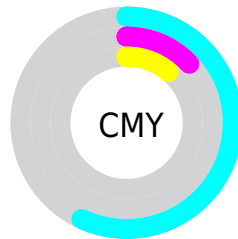
- Red (43%)
- Green (87%)
- Blue (89%)



- Red (43%)
- Yellow (65%)
- Blue (89%)



- Cyan (51%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)





- Cyan (57%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5189, 0.2451, 0.3224 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 60.5189, 0.2451, 0.3224 by changing the saturation by 10% instead.


 60.5189, 0.2451,
0.3224


 60.5189, 0.2451,
0.3224


426.5078, 0.2767,
0.3264

 43.8370, 0.2379,
0.3213

 105.5820, 0.2561,
0.3240

 30.5424, 0.2289,
0.3197


 134.7321, 0.2604,
0.3245

 20.2506, 0.2176,
0.3175

 168.8070, 0.2640,
0.3250

 12.5774, 0.2028,
0.3143

208.1911, 0.2672,
0.3254

 7.1382, 0.1829,
0.3092

253.2688, 0.2700,
0.3257

 3.5487, 0.1548,
0.3004

304.4246, 0.2725,

 1.4244, 0.1070,

0.3259

0.2850

362.0428, 0.2747,
0.3262

■ 0.2346, 0.0000,
0.1739

■ 0.0000, 0.0000,
0.0000

■ 60.5189, 0.2451,
0.3224

■ 60.5189, 0.2451,
0.3224

■ 58.7433, 0.2365,
0.3210

■ 62.6716, 0.2555,
0.3238

■ 57.3090, 0.2299,
0.3195


■ 65.2201, 0.2675,
0.3252

■ 56.1856, 0.2252,
0.3181

■ 68.1900, 0.2809,
0.3265


■ 55.3337, 0.2223,
0.3166

■ 71.6030, 0.2954,
0.3277

 54.7579, 0.2210,
0.3154

 75.4791, 0.3106,
0.3289

 79.8371, 0.3264,
0.3299

 82.1130, 0.3330,
0.3309

 82.6456, 0.3329,
0.3318

 83.1812, 0.3328,
0.3328

Harmonies

Analogous

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



60.5189, 0.2721, 0.3636



60.5189, 0.2451, 0.3224



60.5189, 0.2355, 0.2869

Triad

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



60.5189, 0.2451, 0.3224



60.5189, 0.3099, 0.2731



60.5189, 0.3839, 0.3910

Complementary

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



60.5189, 0.2451, 0.3224



29.5375, 0.4571, 0.3351

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.



60.5189, 0.3965, 0.3627



60.5189, 0.2451, 0.3224



60.5189, 0.3523, 0.2971

Square

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



60.5189, 0.2451, 0.3224



60.5189, 0.2709, 0.2617



60.5189, 0.3849, 0.3289



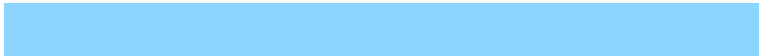
60.5189, 0.3521, 0.4045

Rectangle

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



60.5189, 0.2451, 0.3224



60.5189, 0.2395, 0.2710



60.5189, 0.3849, 0.3289



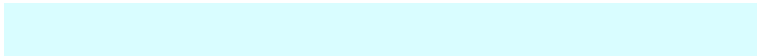
60.5189, 0.3906, 0.3827

Sweetspot

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



60.5212, 0.2451, 0.3224



92.4140, 0.2898, 0.3273



58.9022, 0.3032, 0.4874



19.5761, 0.2867, 0.3270



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.



60.5212, 0.2451, 0.3224



77.0368, 0.2357, 0.3208



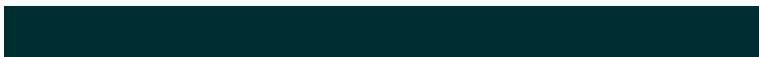
35.3931, 0.2293, 0.2427



15.4665, 0.2982, 0.3279



31.2947, 0.2210, 0.3157



2.2008, 0.2216, 0.3178

Inverse Universe

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



32.5325, 0.3234, 0.2105



36.5830, 0.3257, 0.1907



46.7343, 0.4185, 0.4001



13.9250, 0.3144, 0.3069



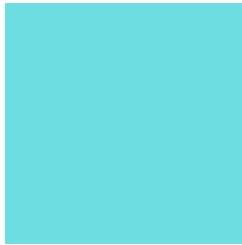
12.0673, 0.3319, 0.1602



0.8396, 0.3300, 0.1592

Previews

White Background



This preview shows how the Yxy color 60.5189, 0.2451, 0.3224 looks on a white background.

Color Contrast Check

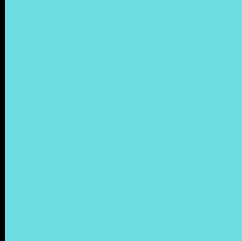
Large Text (above 18pt) WCAG AA × Fail

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 60.5189, 0.2451, 0.3224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

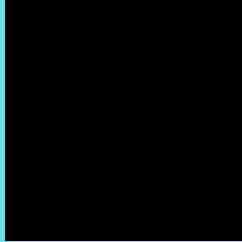
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5189, 0.2451, 0.3224

Background



This preview shows how black text looks on a background with the Yxy color 60.5189, 0.2451, 0.3224.

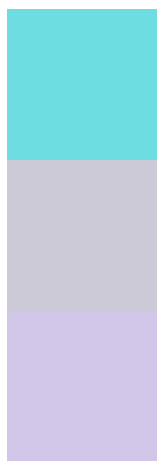


This preview shows how white text looks on a background with the Yxy color 60.5189, 0.2451, 0.3224.

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

60.5189, 0.2451, 0.3224

Protanopia

59.7926, 0.3050, 0.3150

Deuteranopia

59.7130, 0.2978, 0.2919



Tritanopia

60.3549, 0.2412, 0.3061

Trichromacy



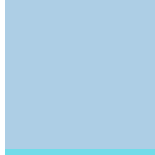
Original Color

60.5189, 0.2451, 0.3224



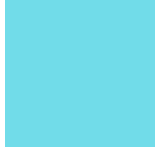
Protanomaly

59.0979, 0.2787, 0.3179



Deuteranomaly

58.6840, 0.2744, 0.3013



Tritanomaly

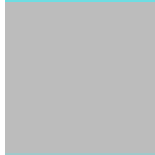
60.5803, 0.2429, 0.3123

Monochromacy



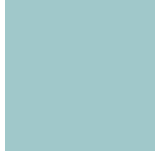
Original Color

60.5189, 0.2451, 0.3224



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

53.0464, 0.2818, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5189, 0.2451, 0.3224 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(110, 221, 226)` looks like.

```
.text, #text, p{  
    color:rgb(110, 221, 226)  
}
```

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(110, 221, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 221, 226) }
```

Border

The CSS property to change the border of an element to Yxy 60.5189, 0.2451, 0.3224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

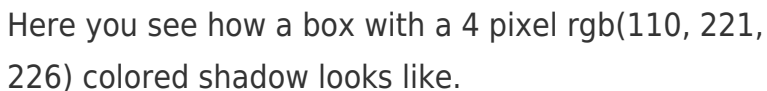
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 221, 226) }
```

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

```
.border{ border-color:rgb(110, 221, 226) }
```

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



Here you see how a box with a 4 pixel rgb(110, 221, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 221, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 221, 226); box-shadow:4px 4px 4px 4px rgb(110, 221, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5189, 0.2451, 0.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 221, 226) }
```

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

```
.background{ background-color: rgb(110,  
221, 226) }
```

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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