

Converting Colors

$Yxy(60.6518, 0.2367, 0.3292)$

Have a look what the booklet for
Yxy(60.6518, 0.2367, 0.3292)
contains.

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Color

Yxy(60.4425, 0.2366, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	51E0E0
RGB	81, 224, 224
RGB Percent	32%, 88%, 88%
CMY	0.6829, 0.1215, 0.1216
CMYK	0.64, 0.00, 0.00, 0.12
HSL	180°, 70%, 60%
HSV	180°, 64%, 88%
XYZ	43.4936, 60.4425, 79.8915
YIQ	181.2430, -85.2280, -30.3160

Conversions

Conversions Part 2

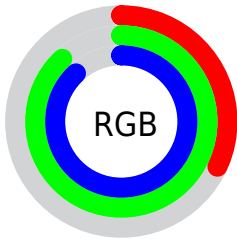
Format	Color
RYB	81, 153, 224
Decimal	5365984
CIELab	82.08, -37.45, -11.29
CIELCh	82, 39.115, 196.775
Yxy	60.4425, 0.2366, 0.3288
Android (android.graphics.Color)	4283556064 (0xFF51E0E0)
YUV	181.2430, 21.0792, -87.9131
Hunter-Lab	77.7448, -36.1932, -6.5058

Details

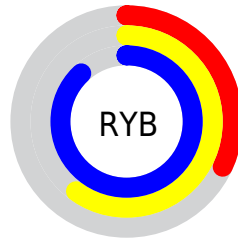
The Yxy color **60.4425, 0.2366, 0.3288** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **22.3063, 0.5195, 0.3296**, and the grayscale version is **46.2459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8510, 0.2545, 0.3288**, and **30.8698, 0.2242, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **59.6148, 0.2310, 0.3288**, and if you desaturate by 10%, it is **61.6009, 0.2441, 0.3288**.

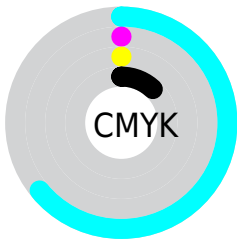
Distribution



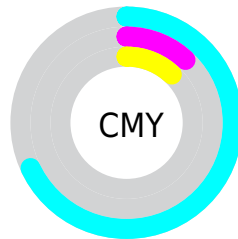
- Red (32%)
- Green (88%)
- Blue (88%)



- Red (32%)
- Yellow (60%)
- Blue (88%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)




- Cyan (68%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4425, 0.2366, 0.3288 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 60.4425, 0.2366, 0.3288 by changing the saturation by 10% instead.

 60.4425, 0.2366,
0.3288


 60.4425, 0.2366,
0.3288


426.2269, 0.2721,
0.3299

 43.7754, 0.2285,
0.3283


 105.4713, 0.2489,
0.3294


 30.4940, 0.2185,
0.3275


 134.6018, 0.2537,
0.3296

 20.2138, 0.2059,
0.3262


 168.6555, 0.2578,
0.3297

 12.5506, 0.1895,
0.3242

 208.0169, 0.2614,
0.3298

 7.1198, 0.1675,
0.3205

253.0704, 0.2646,
0.3298

 3.5371, 0.1370,
0.3135

304.2003, 0.2674,

 1.4182, 0.0764,

0.3299

0.3036

361.7910, 0.2698,
0.3299

■ 0.2301, 0.0000,
0.1809

■ 0.0000, 0.0000,
0.0000

■ 60.4425, 0.2366,
0.3288

■ 60.4425, 0.2366,
0.3288

■ 59.6148, 0.2310,
0.3288

■ 61.6009, 0.2441,
0.3288

■ 59.0774, 0.2273,
0.3288

■ 63.1120, 0.2536,
0.3288


■ 58.7917, 0.2253,
0.3288


■ 65.0041, 0.2648,
0.3289


■ 58.7010, 0.2247,
0.3288

■ 67.3005, 0.2776,
0.3289

 70.0226, 0.2916,
0.3289

 73.1906, 0.3066,
0.3290

 76.8232, 0.3224,
0.3290

 79.9630, 0.3348,
0.3291

 79.9632, 0.3348,
0.3291

Harmonies

Analogous

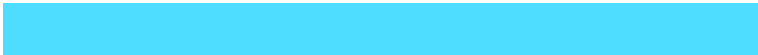
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.4425, 0.2711, 0.3786



60.4425, 0.2366, 0.3288



60.4425, 0.2220, 0.2842

Triad

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



60.4425, 0.2366, 0.3288



60.4425, 0.3004, 0.2598



60.4425, 0.4019, 0.3970

Complementary

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



60.4425, 0.2366, 0.3288



22.3063, 0.5195, 0.3296

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.



60.4425, 0.4128, 0.3612



60.4425, 0.2366, 0.3288



60.4425, 0.3515, 0.2855

Square

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



60.4425, 0.2366, 0.3288



60.4425, 0.2563, 0.2492



60.4425, 0.3941, 0.3214



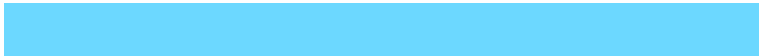
60.4425, 0.3667, 0.4184

Rectangle

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



60.4425, 0.2366, 0.3288



60.4425, 0.2242, 0.2638



60.4425, 0.3941, 0.3214



60.4425, 0.4086, 0.3861

Sweetspot

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



60.4448, 0.2366, 0.3288



91.9402, 0.2841, 0.3289



55.7622, 0.3041, 0.5344



19.4599, 0.2801, 0.3289



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.



60.4448, 0.2366, 0.3288



79.6574, 0.2294, 0.3288



30.5101, 0.2130, 0.2278



15.5724, 0.2982, 0.3290



34.1627, 0.2247, 0.3288



2.3680, 0.2247, 0.3288

Inverse Universe

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



22.3063, 0.5195, 0.3296



24.6645, 0.5825, 0.3298



38.2713, 0.4576, 0.4059



13.7006, 0.3292, 0.3290



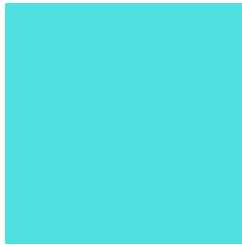
9.2243, 0.6401, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 60.4425, 0.2366, 0.3288 looks on a white background.

Color Contrast Check

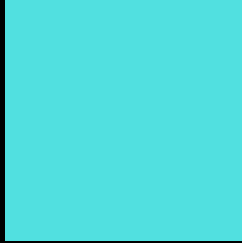
Large Text (above 18pt) WCAG AA × Fail

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 60.4425, 0.2366, 0.3288 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 60.4425, 0.2366, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 60.4425, 0.2366, 0.3288.

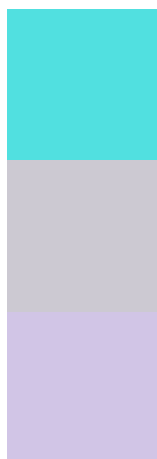


This preview shows how white text looks on a background with the Yxy color 60.4425, 0.2366, 0.3288.

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

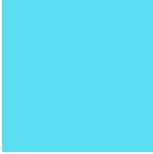
60.4425, 0.2366, 0.3288

Protanopia

59.2638, 0.3086, 0.3185

Deuteranopia

59.2010, 0.2985, 0.2919



Tritanopia

60.6085, 0.2315, 0.3058

Trichromacy



Original Color

60.4425, 0.2366, 0.3288



Protanomaly

57.8782, 0.2741, 0.3214



Deuteranomaly

57.9085, 0.2681, 0.3032



Tritanomaly

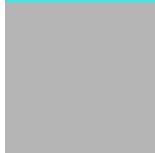
60.6472, 0.2333, 0.3145

Monochromacy



Original Color

60.4425, 0.2366, 0.3288



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

49.9835, 0.2745, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4425, 0.2366, 0.3288 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(81, 224, 224)` looks like.

```
.text, #text, p{  
    color:rgb(81, 224, 224)  
}
```

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(81, 224, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 224, 224) }
```

Border

The CSS property to change the border of an element to Yxy 60.4425, 0.2366, 0.3288 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(81, 224, 224) }
```

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

```
.border{ border-color:rgb(81, 224, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 224, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 224, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 224, 224);  
box-shadow:4px 4px 4px 4px rgb(81, 224,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4425, 0.2366, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 224, 224) }
```

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

```
.background{ background-color: rgb(81, 224,  
224) }
```

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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