

Converting Colors

$Yxy(65.4194, 0.2445, 0.3271)$

Have a look what the booklet for
Yxy(65.4194, 0.2445, 0.3271)
contains.

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Color

Yxy(65.6144, 0.2447, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	6DE6E7
RGB	109, 230, 231
RGB Percent	43%, 90%, 91%
CMY	0.5728, 0.0980, 0.0940
CMYK	0.53, 0.00, 0.00, 0.09
HSL	181°, 72%, 67%
HSV	181°, 53%, 91%
XYZ	49.0255, 65.6144, 85.7094
YIQ	193.9350, -72.4370, -25.3410

Conversions

Conversions Part 2

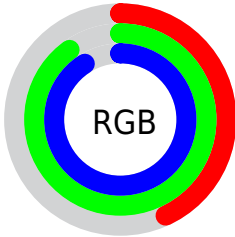
Format	Color
RYB	109, 170, 231
Decimal	7202535
CIELab	84.80, -33.49, -10.87
CIELCh	85, 35.213, 197.987
Yxy	65.6144, 0.2447, 0.3275
Android (android.graphics.Color)	4285392615 (0xFF6DE6E7)
YUV	193.9350, 18.2730, -74.4880
Hunter-Lab	81.0027, -33.7208, -6.0332

Details

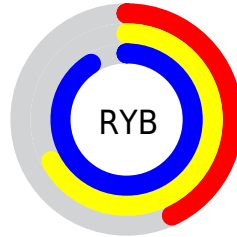
The Yxy color **65.6144, 0.2447, 0.3275** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **29.2437, 0.4668, 0.3306**, and the grayscale version is **53.8240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2860, 0.2652, 0.3289**, and **33.7793, 0.2292, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **64.2317, 0.2369, 0.3272**, and if you desaturate by 10%, it is **67.3872, 0.2544, 0.3278**.

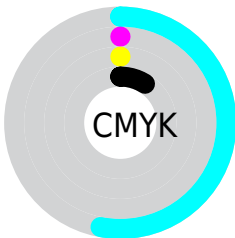
Distribution



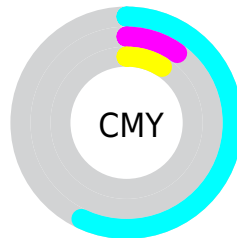
- Red (43%)
- Green (90%)
- Blue (91%)



- Red (43%)
- Yellow (67%)
- Blue (91%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)




- Cyan (57%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6144, 0.2447, 0.3275 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 65.6144, 0.2447, 0.3275 by changing the saturation by 10% instead.

 65.6144, 0.2447,
0.3275


 65.6144, 0.2447,
0.3275

444.9966, 0.2760,
0.3290


 47.9594, 0.2376,
0.3269

 112.9327, 0.2555,
0.3282

 33.7948, 0.2289,
0.3262


 143.3649, 0.2598,
0.3284

 22.7360, 0.2179,
0.3250


 178.8249, 0.2634,
0.3286

 14.3987, 0.2038,
0.3231

219.6971, 0.2666,
0.3287

 8.3985, 0.1849,
0.3201

266.3660, 0.2694,
0.3288

 4.3510, 0.1586,
0.3145

319.2160, 0.2718,

 1.8718, 0.1198,

0.3289

0.3031

378.6314, 0.2741,
0.3290

■ 0.5313, 0.0000,
0.2766

■ 0.0000, 0.0000,
0.0000

■ 65.6144, 0.2447,
0.3275

■ 65.6144, 0.2447,
0.3275

■ 64.2317, 0.2369,
0.3272

■ 67.3872, 0.2544,
0.3278

■ 63.2006, 0.2310,
0.3269


■ 69.5701, 0.2659,
0.3281

■ 62.4881, 0.2270,
0.3266


■ 72.1905, 0.2789,
0.3284

■ 62.0510, 0.2248,
0.3263


■ 75.2716, 0.2931,
0.3287


 61.8589, 0.2239,
0.3262

 78.8347, 0.3083,
0.3289

 82.8998, 0.3241,
0.3292

 84.3925, 0.3292,
0.3294

 84.5019, 0.3292,
0.3296

 84.6115, 0.3292,
0.3298

Harmonies

Analogous

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



65.6144, 0.2749, 0.3706



65.6144, 0.2447, 0.3275



65.6144, 0.2322, 0.2888

Triad

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



65.6144, 0.2447, 0.3275



65.6144, 0.3039, 0.2683



65.6144, 0.3903, 0.3905

Complementary

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



65.6144, 0.2447, 0.3275



29.2437, 0.4668, 0.3306

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.



65.6144, 0.4005, 0.3596



65.6144, 0.2447, 0.3275



65.6144, 0.3486, 0.2918

Square

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



65.6144, 0.2447, 0.3275



65.6144, 0.2644, 0.2583



65.6144, 0.3850, 0.3242



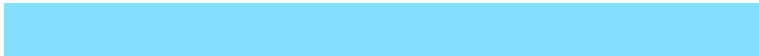
65.6144, 0.3590, 0.4075

Rectangle

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



65.6144, 0.2447, 0.3275



65.6144, 0.2347, 0.2709



65.6144, 0.3850, 0.3242



65.6144, 0.3964, 0.3812

Sweetspot

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



65.6169, 0.2447, 0.3275



92.8467, 0.2884, 0.3286



61.5235, 0.3048, 0.4981



19.7004, 0.2854, 0.3285



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.



65.6169, 0.2447, 0.3275



80.2759, 0.2365, 0.3272



37.7645, 0.2280, 0.2453



16.3144, 0.2982, 0.3288



34.6760, 0.2240, 0.3262



2.5692, 0.2241, 0.3266

Inverse Universe

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



33.6334, 0.3196, 0.2039



36.4608, 0.3208, 0.1853



46.8436, 0.4253, 0.3977



14.6130, 0.3139, 0.3060



12.6983, 0.3230, 0.1553



0.9390, 0.3227, 0.1551

Previews

White Background



This preview shows how the Yxy color 65.6144, 0.2447, 0.3275 looks on a white background.

Color Contrast Check

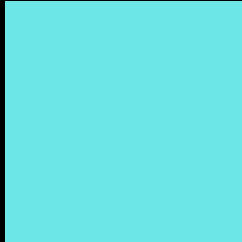
Large Text (above 18pt) WCAG AA × Fail

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 65.6144, 0.2447, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

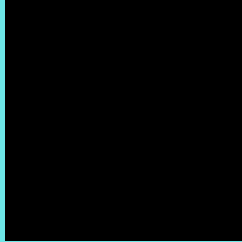
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6144, 0.2447, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 65.6144, 0.2447, 0.3275.

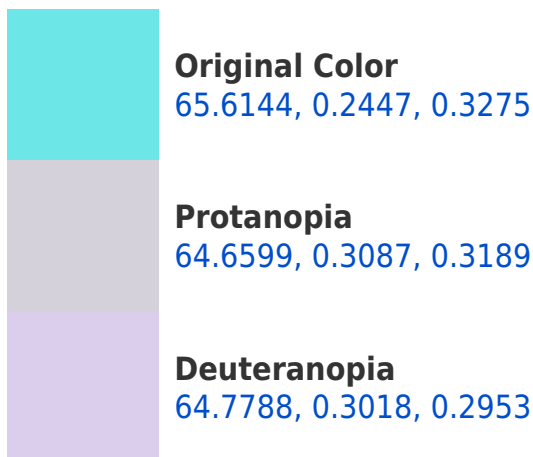


This preview shows how white text looks on a background with the Yxy color 65.6144, 0.2447, 0.3275.

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

65.7180, 0.2396, 0.3068

Trichromacy



Original Color

65.6144, 0.2447, 0.3275



Protanomaly

64.0674, 0.2803, 0.3218



Deuteranomaly

63.6174, 0.2761, 0.3056



Tritanomaly

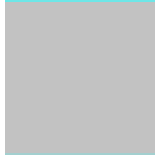
65.8342, 0.2412, 0.3140

Monochromacy



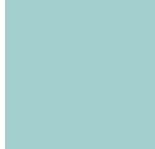
Original Color

65.6144, 0.2447, 0.3275



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.9172, 0.2813, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6144, 0.2447, 0.3275 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(109, 230, 231)` looks like.

```
.text, #text, p{  
    color:rgb(109, 230, 231)  
}
```

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(109, 230, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 230, 231) }
```

Border

The CSS property to change the border of an element to Yxy 65.6144, 0.2447, 0.3275 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(109, 230, 231) }
```

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

```
.border{ border-color:rgb(109, 230, 231) }
```

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

Here you see how a box with a 4 pixel rgb(109, 230, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 230, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 230, 231);  
box-shadow:4px 4px 4px 4px rgb(109, 230,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6144, 0.2447, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 230, 231) }
```

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

```
.background{ background-color: rgb(109,  
230, 231) }
```

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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