

Converting Colors

$Yxy(65.8437, 0.2639, 0.3595)$

Have a look what the booklet for
Yxy(65.8437, 0.2639, 0.3595)
contains.

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Color

Yxy(66.0924, 0.2636, 0.3596)

Conversions

Conversions Part 1

Format	Color
Hex	7EE7CF
RGB	126, 231, 207
RGB Percent	49%, 91%, 81%
CMY	0.5058, 0.0941, 0.1881
CMYK	0.45, 0.00, 0.10, 0.09
HSL	166°, 69%, 70%
HSV	166°, 45%, 91%
XYZ	48.4482, 66.0924, 69.2537
YIQ	196.8690, -54.8760, -29.7240

Conversions

Conversions Part 2

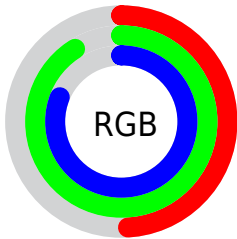
Format	Color
RYB	126, 185, 231
Decimal	8316879
CIELab	85.04, -36.12, 2.21
CIELCh	85, 36.193, 176.492
Yxy	66.0924, 0.2636, 0.3596
Android (android.graphics.Color)	4286506959 (0xFF7EE7CF)
YUV	196.8690, 4.9946, -62.1521
Hunter-Lab	81.2972, -35.8951, 6.4014

Details

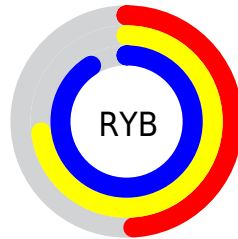
The Yxy color **66.0924, 0.2636, 0.3596** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.1196, 0.4062, 0.3018**, and the grayscale version is **55.7521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9303, 0.2721, 0.3289**, and **34.1531, 0.2514, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **64.2828, 0.2562, 0.3676**, and if you desaturate by 10%, it is **68.3213, 0.2726, 0.3519**.

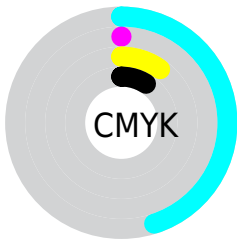
Distribution



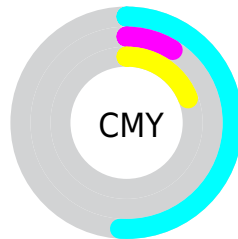
- Red (49%)
- Green (91%)
- Blue (81%)



- Red (49%)
- Yellow (73%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)





- Cyan (51%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0924, 0.2636, 0.3596 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 66.0924, 0.2636, 0.3596 by changing the saturation by 10% instead.


 66.0924, 0.2636,
0.3596


 66.0924, 0.2636,
0.3596


446.7073, 0.2867,
0.3451


 48.3474, 0.2582,
0.3630


 113.6189, 0.2717,
0.3545

 34.1021, 0.2516,
0.3673


 144.1693, 0.2748,
0.3525

 22.9720, 0.2431,
0.3727


 179.7569, 0.2775,
0.3508

 14.5729, 0.2319,
0.3800

220.7661, 0.2798,
0.3494

 8.5202, 0.2165,
0.3901

267.5814, 0.2819,
0.3481

 4.4296, 0.1940,
0.4051

320.5870, 0.2837,

 1.9166, 0.1573,

0.3470

0.4301

380.1675, 0.2853,
0.3460

■ 0.5583, 0.0000,
0.5520

■ 0.0000, 0.0000,
0.0000

■ 66.0924, 0.2636,
0.3596

■ 66.0924, 0.2636,
0.3596

■ 64.2828, 0.2562,
0.3676

■ 68.3213, 0.2726,
0.3519

■ 62.8563, 0.2506,
0.3760


■ 70.9872, 0.2828,
0.3448

■ 61.7834, 0.2469,
0.3845


■ 74.1164, 0.2941,
0.3381


■ 61.0269, 0.2452,
0.3930

■ 77.7308, 0.3060,
0.3321

 60.5409, 0.2454,
0.4014


 81.8507, 0.3184,
0.3266

 60.3753, 0.2459,
0.4052

 84.6236, 0.3242,
0.3215

 84.9394, 0.3208,
0.3164

 85.2643, 0.3175,
0.3113

 85.5985, 0.3141,
0.3063

Harmonies

Analogous

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



66.0924, 0.3039, 0.3965



66.0924, 0.2636, 0.3596



66.0924, 0.2375, 0.3150

Triad

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



66.0924, 0.2636, 0.3596



66.0924, 0.2735, 0.2580



66.0924, 0.4023, 0.3700

Complementary

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



66.0924, 0.2636, 0.3596



34.1196, 0.4062, 0.3018

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.



66.0924, 0.3940, 0.3342



66.0924, 0.2636, 0.3596



66.0924, 0.3166, 0.2725

Square

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



66.0924, 0.2636, 0.3596



66.0924, 0.2430, 0.2596



66.0924, 0.3616, 0.2996



66.0924, 0.3849, 0.3988

Rectangle

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



66.0924, 0.2636, 0.3596



66.0924, 0.2305, 0.2894



66.0924, 0.3616, 0.2996



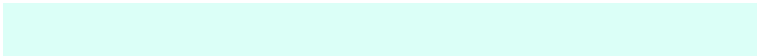
66.0924, 0.4025, 0.3584

Sweetspot

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



66.0950, 0.2636, 0.3596



93.3327, 0.2957, 0.3373



65.1915, 0.3212, 0.4651



19.7805, 0.2932, 0.3386



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.



66.0950, 0.2636, 0.3596



80.4744, 0.2563, 0.3675



52.9220, 0.2455, 0.2927



16.2771, 0.3012, 0.3344



33.8677, 0.2455, 0.4039



2.5165, 0.2421, 0.3916

Inverse Universe

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



34.1196, 0.4062, 0.3018



35.5640, 0.4391, 0.2970



41.6137, 0.4194, 0.3614



14.4216, 0.3257, 0.3237



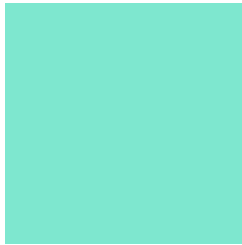
9.6826, 0.5990, 0.3074



0.7295, 0.5582, 0.2849

Previews

White Background



This preview shows how the Yxy color 66.0924, 0.2636, 0.3596 looks on a white background.

Color Contrast Check

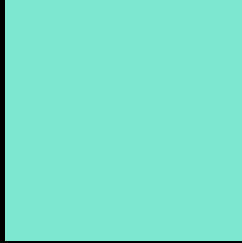
Large Text (above 18pt) WCAG AA × Fail

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 66.0924, 0.2636, 0.3596 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

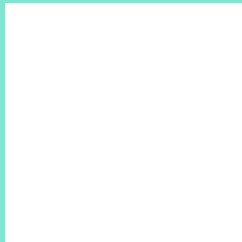
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0924, 0.2636, 0.3596

Background



This preview shows how black text looks on a background with the Yxy color 66.0924, 0.2636, 0.3596.

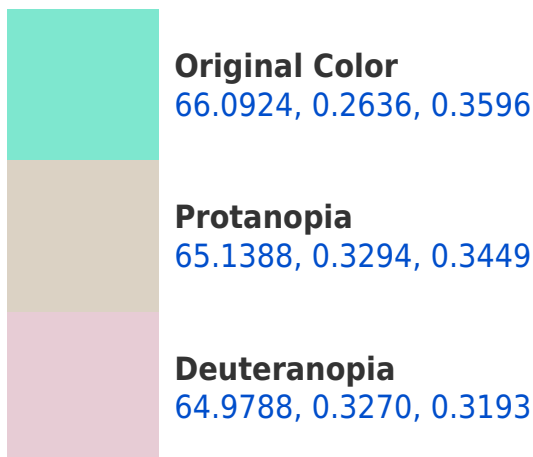


This preview shows how white text looks on a background with the Yxy color 66.0924, 0.2636, 0.3596.

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

66.1586, 0.2492, 0.3072

Trichromacy



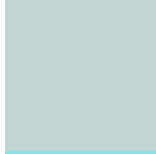
Original Color

66.0924, 0.2636, 0.3596



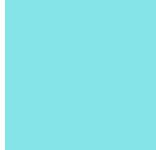
Protanomaly

64.6272, 0.3011, 0.3506



Deuteranomaly

64.1337, 0.2996, 0.3325



Tritanomaly

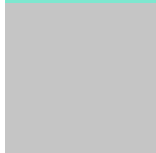
66.1619, 0.2540, 0.3251

Monochromacy



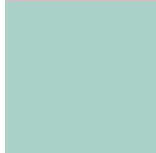
Original Color

66.0924, 0.2636, 0.3596



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

58.4759, 0.2906, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0924, 0.2636, 0.3596 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(126, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(126, 231, 207)  
}
```

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(126, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 231, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.0924, 0.2636, 0.3596 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(126, 231, 207) }
```

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

```
.border{ border-color:rgb(126, 231, 207) }
```

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

Here you see how a box with a 4 pixel rgb(126, 231, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(126, 231,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0924, 0.2636, 0.3596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 231, 207) }
```

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

```
.background{ background-color: rgb(126,  
231, 207) }
```

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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