

Converting Colors

$Yxy(61.0780, 0.2393, 0.3496)$

Have a look what the booklet for
Yxy(61.0780, 0.2393, 0.3496)
contains.

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Color

$\text{Yxy}(60.9206, 0.2392, 0.3491)$

Conversions

Conversions Part 1

Format	Color
Hex	44E3D4
RGB	68, 227, 212
RGB Percent	27%, 89%, 83%
CMY	0.7329, 0.1098, 0.1686
CMYK	0.70, 0.00, 0.07, 0.11
HSL	174°, 74%, 58%
HSV	174°, 70%, 89%
XYZ	41.7422, 60.9206, 71.8448
YIQ	177.7490, -89.9490, -38.3730

Conversions

Conversions Part 2

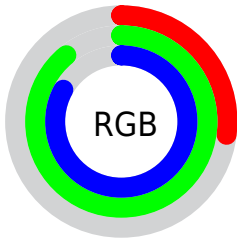
Format	Color
R _{YB}	68, 151, 227
Decimal	4514772
CIE Lab	82.34, -43.80, -4.57
CIE LCh	82, 44.043, 185.959
Yxy	60.9206, 0.2392, 0.3491
Android (android.graphics.Color)	4282704852 (0xFF44E3D4)
YUV	177.7490, 16.8857, -96.2499
Hunter-Lab	78.0516, -41.1281, 0.0611

Details

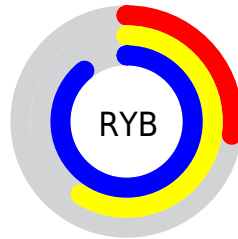
The Yxy color **60.9206, 0.2392, 0.3491** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **21.1054, 0.5284, 0.3157**, and the grayscale version is **44.3444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0584, 0.2508, 0.3288**, and **31.5944, 0.2312, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **60.1497, 0.2354, 0.3524**, and if you desaturate by 10%, it is **62.0135, 0.2450, 0.3459**.

Distribution



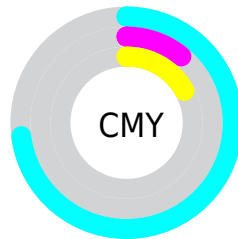
- Red (27%)
- Green (89%)
- Blue (83%)



- Red (27%)
- Yellow (59%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)




- Cyan (73%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9206, 0.2392, 0.3491 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 60.9206, 0.2392, 0.3491 by changing the saturation by 10% instead.


 60.9206, 0.2392,
0.3491


 60.9206, 0.2392,
0.3491

427.9828, 0.2737,
0.3401


 44.1611, 0.2312,
0.3511


 106.1640, 0.2512,
0.3461


 30.7972, 0.2214,
0.3534


 135.4166, 0.2559,
0.3448

 20.4445, 0.2089,
0.3563


 169.6024, 0.2599,
0.3438

 12.7185, 0.1926,
0.3598

 209.1058, 0.2634,
0.3429

 7.2350, 0.1705,
0.3641

254.3111, 0.2665,
0.3421

 3.6095, 0.1393,
0.3693

305.6028, 0.2692,

 1.4576, 0.0608,

0.3413

363.3652, 0.2716,
0.3407

0.3875

0.2586, 0.0000,
0.3008

0.0000, 0.0000,
0.0000

60.9206, 0.2392,
0.3491

60.9206, 0.2392,
0.3491

60.1497, 0.2354,
0.3524

62.0135, 0.2450,
0.3459

59.6551, 0.2335,
0.3556


63.4541, 0.2526,
0.3427


59.3718, 0.2330,
0.3588


65.2732, 0.2620,
0.3396


59.3716, 0.2330,
0.3588


67.4964, 0.2731,
0.3367

 70.1471, 0.2854,
0.3339

 73.2469, 0.2987,
0.3313

 76.8159, 0.3127,
0.3290

 80.8730, 0.3272,
0.3269

 81.9818, 0.3295,
0.3248

Harmonies

Analogous

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



60.9206, 0.2838, 0.4027



60.9206, 0.2392, 0.3491



60.9206, 0.2150, 0.2944

Triad

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



60.9206, 0.2392, 0.3491



60.9206, 0.2792, 0.2460



60.9206, 0.4205, 0.3907

Complementary

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



60.9206, 0.2392, 0.3491



21.1054, 0.5284, 0.3157

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.



60.9206, 0.4214, 0.3480



60.9206, 0.2392, 0.3491



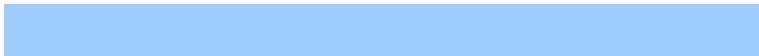
60.9206, 0.3354, 0.2688

Square

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



60.9206, 0.2392, 0.3491



60.9206, 0.2365, 0.2409



60.9206, 0.3893, 0.3049



60.9206, 0.3892, 0.4230

Rectangle

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



60.9206, 0.2392, 0.3491



60.9206, 0.2119, 0.2668



60.9206, 0.3893, 0.3049



60.9206, 0.4246, 0.3770

Sweetspot

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



60.9229, 0.2392, 0.3491



90.8987, 0.2839, 0.3342



57.2402, 0.3086, 0.5491



19.2424, 0.2804, 0.3350



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.



60.9229, 0.2392, 0.3491



77.9728, 0.2343, 0.3538



33.1321, 0.2101, 0.2365



16.3117, 0.2994, 0.3312



34.6364, 0.2329, 0.3583



2.5664, 0.2316, 0.3536

Inverse Universe

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



21.1054, 0.5284, 0.3157



23.1692, 0.5899, 0.3188



33.1625, 0.4883, 0.3956



14.3900, 0.3278, 0.3268



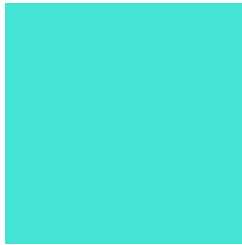
9.5642, 0.6290, 0.3239



0.7144, 0.6028, 0.3094

Previews

White Background



This preview shows how the Yxy color 60.9206, 0.2392, 0.3491 looks on a white background.

Color Contrast Check

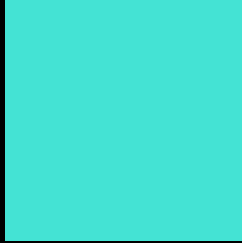
Large Text (above 18pt) WCAG AA × Fail

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 60.9206, 0.2392, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

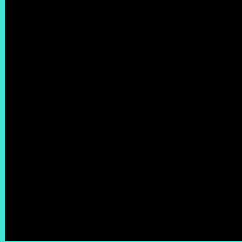
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

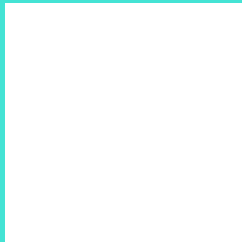
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.9206, 0.2392, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 60.9206, 0.2392, 0.3491.

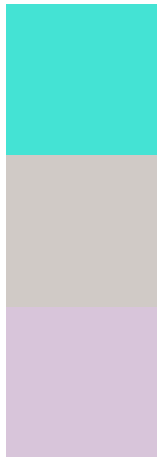


This preview shows how white text looks on a background with the Yxy color 60.9206, 0.2392, 0.3491.

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

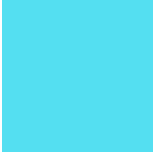
60.9206, 0.2392, 0.3491

Protanopia

59.7282, 0.3203, 0.3337

Deuteranopia

59.5934, 0.3123, 0.3054



Tritanopia

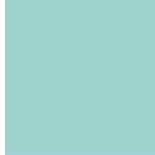
61.0110, 0.2302, 0.3058

Trichromacy



Original Color

60.9206, 0.2392, 0.3491



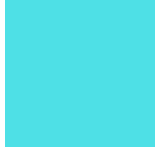
Protanomaly

58.0684, 0.2802, 0.3391



Deuteranomaly

57.7510, 0.2753, 0.3189



Tritanomaly

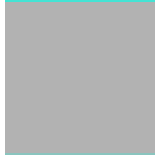
60.6442, 0.2333, 0.3209

Monochromacy



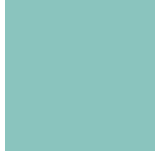
Original Color

60.9206, 0.2392, 0.3491



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

48.6008, 0.2742, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9206, 0.2392, 0.3491 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(68, 227, 212)` looks like.

```
.text, #text, p{  
    color:rgb(68, 227, 212)  
}
```

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(68, 227, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 227, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.9206, 0.2392, 0.3491 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(68, 227, 212) }
```

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

```
.border{ border-color:rgb(68, 227, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 227, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 227, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 227, 212);  
box-shadow:4px 4px 4px 4px rgb(68, 227,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9206, 0.2392, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 227, 212) }
```

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

```
.background{ background-color: rgb(68, 227,  
212) }
```

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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