

Converting Colors

Yxy(61.3814, 0.2284, 0.3248)

Have a look what the booklet for
Yxy(61.3814, 0.2284, 0.3248)
contains.

Yxy(61.3814, 0.2284, 0.3248)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3814, 0.2284, 0.3248)

Conversions

Conversions Part 1

Format	Color
Hex	34E3E6
RGB	52, 227, 230
RGB Percent	20%, 89%, 90%
CMY	0.7965, 0.1098, 0.0980
CMYK	0.77, 0.01, 0.00, 0.10
HSL	181°, 78%, 55%
HSV	181°, 77%, 90%
XYZ	43.1635, 61.3814, 84.4372
YIQ	175.0170, -105.2630, -36.1670

Conversions

Conversions Part 2

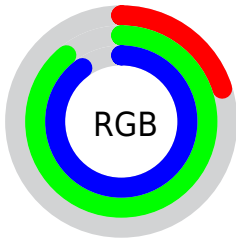
Format	Color
R _{YB}	52, 140, 230
Decimal	3466214
CIE Lab	82.58, -40.61, -13.78
CIE LCh	83, 42.879, 198.740
Yxy	61.3814, 0.2284, 0.3248
Android (android.graphics.Color)	4281656294 (0xFF34E3E6)
YUV	175.0170, 27.1066, -107.8859
Hunter-Lab	78.3463, -38.7645, -9.0570

Details

The Yxy color **61.3814, 0.2284, 0.3248** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **19.7915, 0.5804, 0.3319**, and the grayscale version is **42.7613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4071, 0.2478, 0.3288**, and **32.2210, 0.2227, 0.3218** is the 20% darker color. If you saturate the color by 10%, you get **60.7049, 0.2252, 0.3242**, and if you desaturate by 10%, it is **62.3597, 0.2335, 0.3254**.

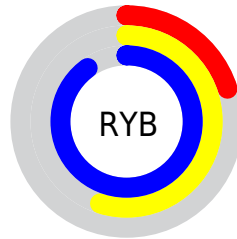
Distribution



Red (20%)

Green (89%)

Blue (90%)



Red (20%)

Yellow (55%)

Blue (90%)

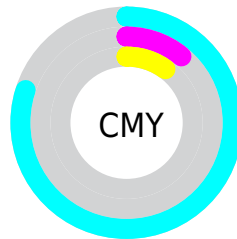


Cyan (77%)

Magenta (1%)

Yellow (0%)

Black (10%)



Cyan (80%)


Magenta (11%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3814, 0.2284, 0.3248 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 61.3814, 0.2284, 0.3248 by changing the saturation by 10% instead.


 61.3814, 0.2284,
0.3248


 61.3814, 0.2284,
0.3248

429.6710, 0.2674,
0.3281


 44.5330, 0.2196,
0.3237


 106.8310, 0.2419,
0.3262


 31.0898, 0.2088,
0.3222


 136.2010, 0.2471,
0.3267

 20.6672, 0.1952,
0.3199


 170.5137, 0.2517,
0.3270

 12.8810, 0.1778,
0.3165

 210.1534, 0.2556,
0.3273

 7.3466, 0.1548,
0.3108

255.5047, 0.2591,
0.3276

 3.6798, 0.1234,
0.3007

306.9517, 0.2622,

 1.4961, 0.0635,

0.3278

0.2854

364.8791, 0.2649,
0.3279

■ 0.2860, 0.0000,
0.1793

■ 0.0000, 0.0000,
0.0000

■ 61.3814, 0.2284,
0.3248

■ 61.3814, 0.2284,
0.3248

■ 60.7049, 0.2252,
0.3242

■ 62.3597, 0.2335,
0.3254

■ 60.2725, 0.2235,
0.3237

■ 63.6710, 0.2406,
0.3259

■ 60.1807, 0.2232,
0.3236

■ 65.3502, 0.2495,
0.3265

■ 67.4257, 0.2603,
0.3271

69.9235, 0.2727,
0.3276

72.8671, 0.2864,
0.3282

76.2785, 0.3012,
0.3287

80.1780, 0.3167,
0.3291

83.8396, 0.3300,
0.3295

Harmonies

Analogous

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



61.3814, 0.2643, 0.3801



61.3814, 0.2284, 0.3248



61.3814, 0.2144, 0.2773

Triad

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



61.3814, 0.2284, 0.3248



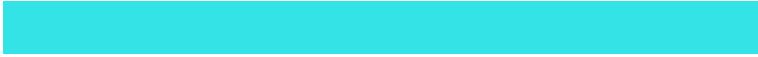
61.3814, 0.3026, 0.2557



61.3814, 0.4077, 0.4046

Complementary

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



61.3814, 0.2284, 0.3248



19.7915, 0.5804, 0.3319

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.



61.3814, 0.4220, 0.3660



61.3814, 0.2284, 0.3248



61.3814, 0.3585, 0.2841

Square

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



61.3814, 0.2284, 0.3248



61.3814, 0.2541, 0.2429



61.3814, 0.4038, 0.3231



61.3814, 0.3678, 0.4272

Rectangle

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



61.3814, 0.2284, 0.3248



61.3814, 0.2178, 0.2563



61.3814, 0.4038, 0.3231



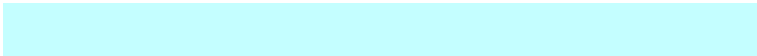
61.3814, 0.4158, 0.3928

Sweetspot

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



61.3837, 0.2284, 0.3248



89.8953, 0.2785, 0.3279



57.5971, 0.3006, 0.5697



18.9633, 0.2736, 0.3277



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.



61.3837, 0.2284, 0.3248



76.3499, 0.2240, 0.3239



24.6106, 0.1940, 0.1927



16.2926, 0.2982, 0.3286



34.0892, 0.2232, 0.3237



2.5324, 0.2235, 0.3244

Inverse Universe

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



24.8160, 0.3236, 0.1683



28.6536, 0.3248, 0.1581



36.9908, 0.4894, 0.4189



14.6108, 0.3141, 0.3062



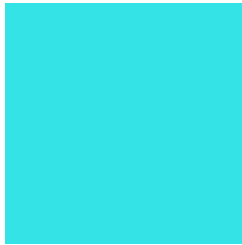
12.6390, 0.3251, 0.1565



0.9353, 0.3245, 0.1561

Previews

White Background



This preview shows how the Yxy color 61.3814, 0.2284, 0.3248 looks on a white background.

Color Contrast Check

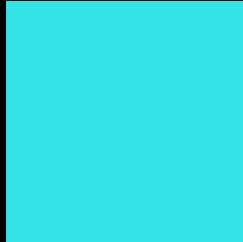
Large Text (above 18pt) WCAG AA × Fail

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 61.3814, 0.2284, 0.3248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

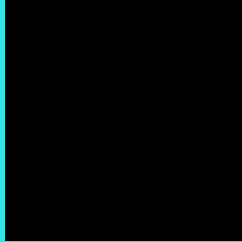
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3814, 0.2284, 0.3248

Background



This preview shows how black text looks on a background with the Yxy color 61.3814, 0.2284, 0.3248.

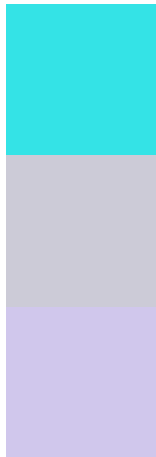


This preview shows how white text looks on a background with the Yxy color 61.3814, 0.2284, 0.3248.

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

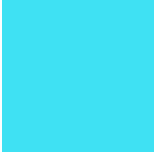
61.3814, 0.2284, 0.3248

Protanopia

60.4555, 0.3050, 0.3151

Deuteranopia

60.3129, 0.2937, 0.2877



Tritanopia

61.3783, 0.2249, 0.3057

Trichromacy



Original Color

61.3814, 0.2284, 0.3248



Protanomaly

58.6438, 0.2656, 0.3188



Deuteranomaly

58.1208, 0.2586, 0.2981



Tritanomaly

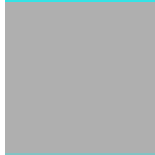
61.4956, 0.2263, 0.3132

Monochromacy



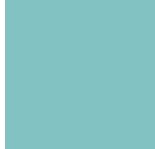
Original Color

61.3814, 0.2284, 0.3248



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

47.2695, 0.2657, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3814, 0.2284, 0.3248 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(52, 227, 230)` looks like.

```
.text, #text, p{  
    color:rgb(52, 227, 230)  
}
```

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(52, 227, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 227, 230) }
```

Border

The CSS property to change the border of an element to Yxy 61.3814, 0.2284, 0.3248 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(52, 227, 230) }
```

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

```
.border{ border-color:rgb(52, 227, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 227, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 227, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 227, 230);  
box-shadow:4px 4px 4px 4px rgb(52, 227,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3814, 0.2284, 0.3248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 227, 230) }
```

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

```
.background{ background-color: rgb(52, 227,  
230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor