

Converting Colors

$Yxy(56.2019, 0.1903, 0.3397)$

Have a look what the booklet for
Yxy(56.2019, 0.1903, 0.3397)
contains.

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Color

Yxy(61.2591, 0.2277, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	01E5DD
RGB	1, 229, 221
RGB Percent	0%, 90%, 87%
CMY	0.9975, 0.1020, 0.1334
CMYK	1.00, 0.00, 0.04, 0.10
HSL	178°, 99%, 45%
HSV	178°, 100%, 90%
XYZ	41.0739, 61.2591, 78.0530
YIQ	159.9160, -133.3200, -50.8240

Conversions

Conversions Part 2

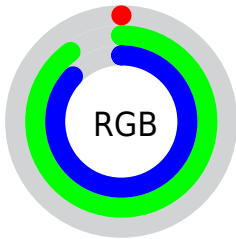
Format	Color
RYB	1, 117, 229
Decimal	124381
CIELab	82.52, -46.63, -9.14
CIELCh	83, 47.514, 191.086
Yxy	61.2591, 0.2277, 0.3396
Android (android.graphics.Color)	4278314461 (0xFF01E5DD)
YUV	159.9160, 30.1144, -139.3693
Hunter-Lab	78.2682, -43.2954, -4.3393

Details

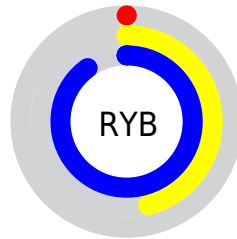
The Yxy color **61.2591, 0.2277, 0.3396** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **16.6905, 0.6369, 0.3284**, and the grayscale version is **34.9637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2507, 0.2423, 0.3288**, and **32.6403, 0.2281, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **61.2561, 0.2277, 0.3396**, and if you desaturate by 10%, it is **61.4888, 0.2287, 0.3385**.

Distribution



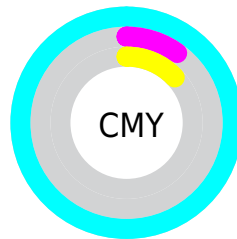
- Red (0%)
- Green (90%)
- Blue (87%)



- Red (0%)
- Yellow (46%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)





- Cyan (100%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2591, 0.2277, 0.3396 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 61.2591, 0.2277, 0.3396 by changing the saturation by 10% instead.


 61.2591, 0.2277,
0.3396


 61.2591, 0.2277,
0.3396


429.2234, 0.2672,
0.3356


 44.4343, 0.2187,
0.3402

 106.6540, 0.2414,
0.3384


 31.0121, 0.2077,
0.3409


 135.9929, 0.2467,
0.3379


 20.6081, 0.1938,
0.3414


 170.2720, 0.2513,
0.3375

 12.8378, 0.1759,
0.3416

 209.8756, 0.2553,
0.3370

 7.3170, 0.1521,
0.3411

 255.1881, 0.2588,
0.3366

 3.6611, 0.1196,
0.3383

306.5940, 0.2619,

 1.4859, 0.0410,

0.3363

364.4776, 0.2647,
0.3359

0.3406

0.2787, 0.0000,
0.2283

0.0000, 0.0000,
0.0000

61.2591, 0.2277,
0.3396

61.2591, 0.2277,
0.3396

61.2561, 0.2277,
0.3396

61.4888, 0.2287,
0.3385

61.9344, 0.2311,
0.3373

62.6643, 0.2353,
0.3362

63.7178, 0.2415,
0.3350

65.1282, 0.2496,
0.3339

66.9244, 0.2596,
0.3328

69.1327, 0.2712,
0.3317

71.7768, 0.2842,
0.3307

74.8786, 0.2982,
0.3298

Harmonies

Analogous

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



61.2591, 0.2720, 0.4003



61.2591, 0.2277, 0.3396



61.2591, 0.2064, 0.2828

Triad

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



61.2591, 0.2277, 0.3396



61.2591, 0.2862, 0.2434



61.2591, 0.4247, 0.4015

Complementary

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



61.2591, 0.2277, 0.3396



16.6905, 0.6369, 0.3284

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.



61.2591, 0.4322, 0.3567



61.2591, 0.2277, 0.3396



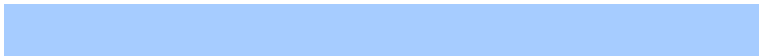
61.2591, 0.3476, 0.2704

Square

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



61.2591, 0.2277, 0.3396



61.2591, 0.2374, 0.2343



61.2591, 0.4033, 0.3104



61.2591, 0.3861, 0.4336

Rectangle

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



61.2591, 0.2277, 0.3396



61.2591, 0.2060, 0.2561



61.2591, 0.4033, 0.3104



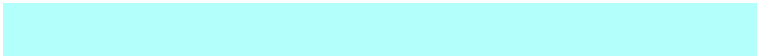
61.2591, 0.4311, 0.3873

Sweetspot

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



61.2614, 0.2277, 0.3396



88.0925, 0.2706, 0.3318



56.1177, 0.3008, 0.5992



18.5877, 0.2655, 0.3322



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.



61.2614, 0.2277, 0.3396



78.1769, 0.2277, 0.3397



20.6433, 0.1815, 0.1731



16.3272, 0.2986, 0.3298



35.0277, 0.2276, 0.3395



2.5912, 0.2272, 0.3378

Inverse Universe

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



16.6905, 0.6369, 0.3284



21.2796, 0.6376, 0.3286



26.4394, 0.5569, 0.3958



14.3761, 0.3287, 0.3282



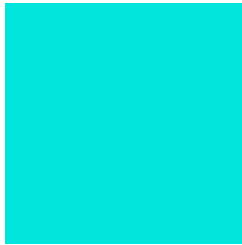
9.5380, 0.6362, 0.3278



0.7077, 0.6255, 0.3219

Previews

White Background



This preview shows how the Yxy color 61.2591, 0.2277, 0.3396 looks on a white background.

Color Contrast Check

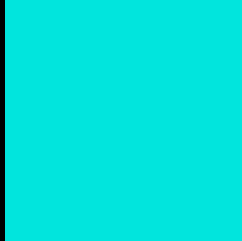
Large Text (above 18pt) WCAG AA × Fail

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 61.2591, 0.2277, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

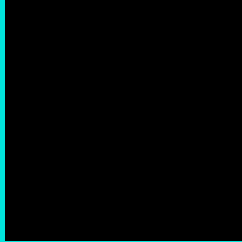
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2591, 0.2277, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 61.2591, 0.2277, 0.3396.

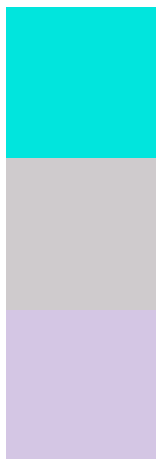


This preview shows how white text looks on a background with the Yxy color 61.2591, 0.2277, 0.3396.

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

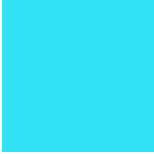
61.2655, 0.2277, 0.3396

Protanopia

60.3850, 0.3144, 0.3267

Deuteranopia

59.9867, 0.3021, 0.2954



Tritanopia

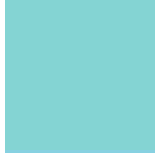
61.5527, 0.2222, 0.3056

Trichromacy



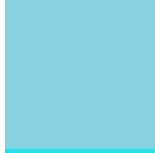
Original Color

61.2655, 0.2277, 0.3396



Protanomaly

56.6956, 0.2610, 0.3302



Deuteranomaly

56.1881, 0.2546, 0.3084



Tritanomaly

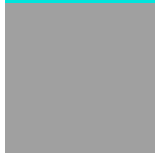
61.2856, 0.2233, 0.3169

Monochromacy



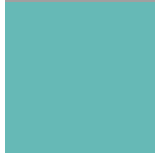
Original Color

61.2655, 0.2277, 0.3396



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

40.9001, 0.2549, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2591, 0.2277, 0.3396 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(1, 229, 221)` looks like.

```
.text, #text, p{  
  color:rgb(1, 229, 221)  
}
```

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(1, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 229, 221) }
```

Border

The CSS property to change the border of an element to Yxy 61.2591, 0.2277, 0.3396 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(1, 229, 221) }
```

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

```
.border{ border-color:rgb(1, 229, 221) }
```

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

Here you see how a box with a 4 pixel rgb(1, 229, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(1, 229,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2591, 0.2277, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 229, 221) }
```

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

```
.background{ background-color: rgb(1, 229,  
221) }
```

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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