

Converting Colors

$Yxy(61.0229, 0.2340, 0.3059)$

Have a look what the booklet for
Yxy(61.0229, 0.2340, 0.3059)
contains.

Yxy(61.0206, 0.2340, 0.3059)	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(61.0206, 0.2340, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	60DEF0
RGB	96, 222, 240
RGB Percent	38%, 87%, 94%
CMY	0.6234, 0.1294, 0.0587
CMYK	0.60, 0.08, 0.00, 0.06
HSL	188°, 83%, 66%
HSV	188°, 60%, 94%
XYZ	46.6781, 61.0206, 91.7802
YIQ	186.3780, -80.8740, -21.1140

Conversions

Conversions Part 2

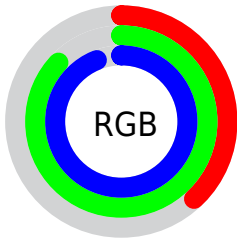
Format	Color
R _Y B	96, 163, 240
Decimal	6348528
CIE Lab	82.39, -29.61, -19.29
CIE LCh	82, 35.340, 213.081
Yxy	61.0206, 0.2340, 0.3059
Android (android.graphics.Color)	4284538608 (0xFF60DEF0)
YUV	186.3780, 26.4356, -79.2615
Hunter-Lab	78.1157, -30.0397, -14.9805

Details

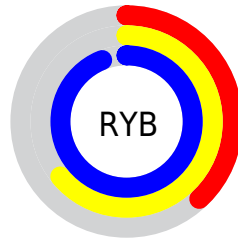
The Yxy color **61.0206, 0.2340, 0.3059** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **31.4229, 0.4881, 0.3479**, and the grayscale version is **49.2135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **31.0981, 0.2166, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **58.3308, 0.2260, 0.3015**, and if you desaturate by 10%, it is **64.1408, 0.2438, 0.3103**.

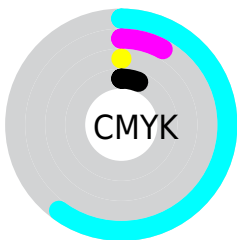
Distribution



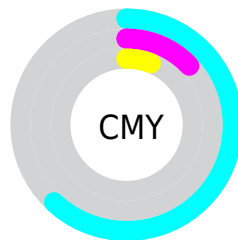
- Red (38%)
- Green (87%)
- Blue (94%)



- Red (38%)
- Yellow (64%)
- Blue (94%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)





- Cyan (62%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0206, 0.2340, 0.3059 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 61.0206, 0.2340, 0.3059 by changing the saturation by 10% instead.

 61.0206, 0.2340,
0.3059


 61.0206, 0.2340,
0.3059


428.3495, 0.2704,
0.3180


 44.2418, 0.2258,
0.3028


 106.3088, 0.2466,
0.3104


 30.8606, 0.2157,
0.2988


 135.5869, 0.2515,
0.3120

 20.4928, 0.2031,
0.2935

 169.8003, 0.2557,
0.3134

 12.7537, 0.1868,
0.2861

 209.3333, 0.2594,
0.3146

 7.2592, 0.1653,
0.2753

254.5703, 0.2626,
0.3156

 3.6247, 0.1359,
0.2583

305.8958, 0.2655,

 1.4659, 0.0912,

0.3165

363.6941, 0.2681,
0.3173

0.2301

0.2646, 0.0000,
0.1278

0.0000, 0.0000,
0.0000

61.0206, 0.2340,
0.3059

61.0206, 0.2340,
0.3059

58.3308, 0.2260,
0.3015

64.1408, 0.2438,
0.3103

56.0269, 0.2200,
0.2970


67.7174, 0.2553,
0.3145


54.0664, 0.2160,
0.2926


71.7822, 0.2683,
0.3185


52.3742, 0.2134,
0.2883

76.3622, 0.2824,
0.3223


 52.3736, 0.2134,
0.2883

 81.4822, 0.2973,
0.3258

 87.1655, 0.3127,
0.3290

 91.6780, 0.3224,
0.3320

 93.4922, 0.3221,
0.3349

 95.3361, 0.3219,
0.3377

Harmonies

Analogous

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



61.0206, 0.2562, 0.3499



61.0206, 0.2340, 0.3059



61.0206, 0.2313, 0.2731

Triad

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



61.0206, 0.2340, 0.3059



61.0206, 0.3269, 0.2774



61.0206, 0.3783, 0.4034

Complementary

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



61.0206, 0.2340, 0.3059



31.4229, 0.4881, 0.3479

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.



61.0206, 0.4008, 0.3774



61.0206, 0.2340, 0.3059



61.0206, 0.3705, 0.3067

Square

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



61.0206, 0.2340, 0.3059



61.0206, 0.2821, 0.2597



61.0206, 0.3983, 0.3423



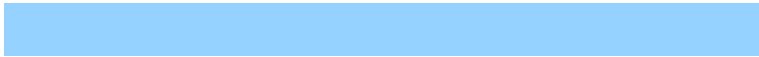
61.0206, 0.3389, 0.4100

Rectangle

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



61.0206, 0.2340, 0.3059



61.0206, 0.2404, 0.2607



61.0206, 0.3983, 0.3423



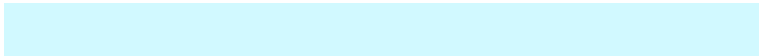
61.0206, 0.3882, 0.3964

Sweetspot

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



61.0229, 0.2340, 0.3059



88.6972, 0.2852, 0.3230



66.0155, 0.2969, 0.5030



18.6356, 0.2810, 0.3219



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.



61.0229, 0.2340, 0.3059



66.2927, 0.2245, 0.3005



30.9870, 0.2119, 0.2074



17.5714, 0.2981, 0.3260



28.7970, 0.2136, 0.2890



2.4894, 0.2152, 0.2947

Inverse Universe

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



32.1744, 0.3374, 0.2036



31.6442, 0.3434, 0.1871



54.0019, 0.4328, 0.4221



15.9953, 0.3157, 0.3086



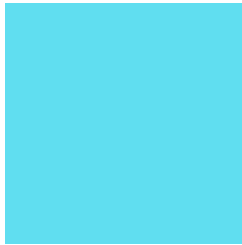
12.7004, 0.3552, 0.1731



1.0660, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 61.0206, 0.2340, 0.3059 looks on a white background.

Color Contrast Check

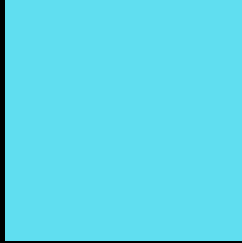
Large Text (above 18pt) WCAG AA × Fail

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 61.0206, 0.2340, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

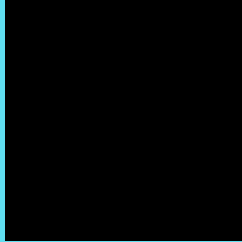
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0206, 0.2340, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 61.0206, 0.2340, 0.3059.

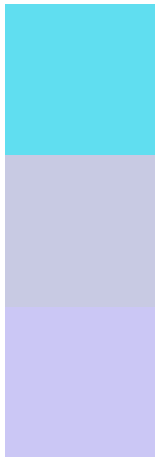


This preview shows how white text looks on a background with the Yxy color 61.0206, 0.2340, 0.3059.

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

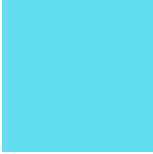
61.0206, 0.2340, 0.3059

Protanopia

60.0665, 0.2940, 0.3003

Deuteranopia

60.1359, 0.2843, 0.2779



Tritanopia

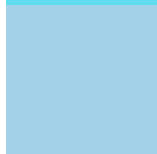
61.0206, 0.2340, 0.3059

Trichromacy



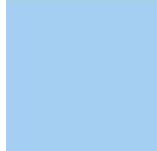
Original Color

61.0206, 0.2340, 0.3059



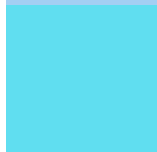
Protanomaly

59.1085, 0.2662, 0.3010



Deuteranomaly

58.9892, 0.2610, 0.2862



Tritanomaly

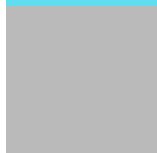
61.0206, 0.2340, 0.3059

Monochromacy



Original Color

61.0206, 0.2340, 0.3059



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

52.0754, 0.2745, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0206, 0.2340, 0.3059 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(96, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(96, 222, 240)  
}
```

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(96, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 222, 240) }
```

Border

The CSS property to change the border of an element to Yxy 61.0206, 0.2340, 0.3059 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(96, 222, 240) }
```

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

```
.border{ border-color:rgb(96, 222, 240) }
```

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

Here you see how a box with a 4 pixel rgb(96, 222, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(96, 222,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0206, 0.2340, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 222, 240) }
```

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

```
.background{ background-color: rgb(96, 222,  
240) }
```

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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