

Converting Colors

$Yxy(61.6137, 0.2218, 0.3044)$

Have a look what the booklet for
Yxy(61.6137, 0.2218, 0.3044)
contains.

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Color

Yxy(61.6137, 0.2218, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	30E2F5
RGB	48, 226, 245
RGB Percent	19%, 89%, 96%
CMY	0.8117, 0.1137, 0.0393
CMYK	0.80, 0.08, 0.00, 0.04
HSL	186°, 91%, 57%
HSV	186°, 80%, 96%
XYZ	44.8946, 61.6137, 95.9020
YIQ	174.9440, -112.1870, -31.8270

Conversions

Conversions Part 2

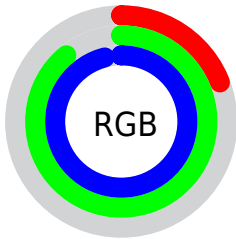
Format	Color
R _Y B	48, 142, 245
Decimal	3203829
CIE Lab	82.71, -36.07, -21.53
CIE LCh	83, 42.006, 210.830
Yxy	61.6137, 0.2218, 0.3044
Android (android.graphics.Color)	4281393909 (0xFF30E2F5)
YUV	174.9440, 34.5376, -111.3299
Hunter-Lab	78.4944, -35.2727, -17.4926

Details

The Yxy color **61.6137, 0.2218, 0.3044** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **23.6365, 0.5819, 0.3422**, and the grayscale version is **42.7022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4071, 0.2478, 0.3288**, and **32.4236, 0.2159, 0.2971** is the 20% darker color. If you saturate the color by 10%, you get **59.9004, 0.2182, 0.3011**, and if you desaturate by 10%, it is **63.6775, 0.2273, 0.3078**.

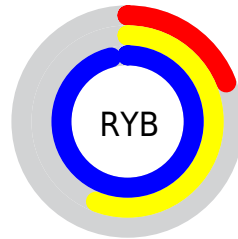
Distribution



Red (19%)

Green (89%)

Blue (96%)



Red (19%)

Yellow (56%)

Blue (96%)

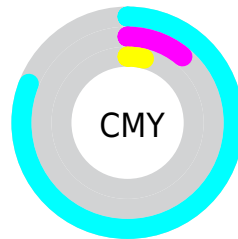


Cyan (80%)

Magenta (8%)

Yellow (0%)

Black (4%)



Cyan (81%)


Magenta (11%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6137, 0.2218, 0.3044 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 61.6137, 0.2218, 0.3044 by changing the saturation by 10% instead.

 61.6137, 0.2218,
0.3044


 61.6137, 0.2218,
0.3044

430.5206, 0.2634,
0.3175


 44.7206, 0.2125,
0.3010


 107.1670, 0.2361,
0.3093


 31.2374, 0.2012,
0.2966

 136.5961, 0.2417,
0.3111

 20.7797, 0.1871,
0.2906


 170.9726, 0.2465,
0.3126

 12.9631, 0.1692,
0.2824

 210.6809, 0.2508,
0.3139

 7.4031, 0.1460,
0.2703

256.1055, 0.2545,
0.3150

 3.7155, 0.1151,
0.2515

307.6307, 0.2578,

 1.5157, 0.0667,

0.3160

0.2213

365.6409, 0.2608,
0.3168

■ 0.2997, 0.0000,
0.1240

■ 0.0000, 0.0000,
0.0000

■ 61.6137, 0.2218,
0.3044

■ 61.6137, 0.2218,
0.3044

■ 59.9004, 0.2182,
0.3011


■ 63.6775, 0.2273,
0.3078

■ 58.5053, 0.2161,
0.2979


■ 66.1325, 0.2348,
0.3111

■ 69.0207, 0.2442,
0.3145

■ 72.3768, 0.2553,
0.3177

 76.2319, 0.2680,
0.3208

 80.6142, 0.2819,
0.3237

 85.5501, 0.2967,
0.3264

 91.0637, 0.3121,
0.3289

 94.5284, 0.3190,
0.3312

Harmonies

Analogous

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



61.6137, 0.2488, 0.3576



61.6137, 0.2218, 0.3044



61.6137, 0.2171, 0.2649

Triad

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



61.6137, 0.2218, 0.3044



61.6137, 0.3249, 0.2667



61.6137, 0.3924, 0.4147

Complementary

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



61.6137, 0.2218, 0.3044



23.6365, 0.5819, 0.3422

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.



61.6137, 0.4177, 0.3817



61.6137, 0.2218, 0.3044



61.6137, 0.3777, 0.2996

Square

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



61.6137, 0.2218, 0.3044



61.6137, 0.2728, 0.2475



61.6137, 0.4128, 0.3403



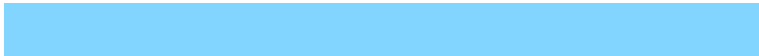
61.6137, 0.3467, 0.4262

Rectangle

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



61.6137, 0.2218, 0.3044



61.6137, 0.2265, 0.2500



61.6137, 0.4128, 0.3403



61.6137, 0.4037, 0.4053

Sweetspot

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



61.6160, 0.2218, 0.3044



86.4775, 0.2767, 0.3226



66.3011, 0.2975, 0.5668



18.1449, 0.2717, 0.3216



0.0000, 0.0000, 0.0000



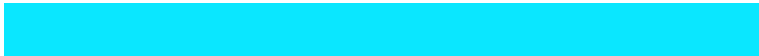
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.6160, 0.2218, 0.3044



64.6670, 0.2168, 0.2992



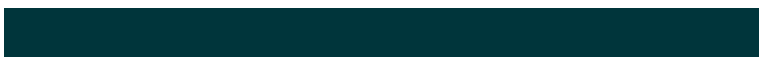
23.2071, 0.1856, 0.1677



18.4687, 0.2981, 0.3266



31.6349, 0.2162, 0.2985



2.8582, 0.2174, 0.3026

Inverse Universe

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



27.0159, 0.3408, 0.1756



27.2741, 0.3461, 0.1691



45.7867, 0.4837, 0.4320



16.7391, 0.3153, 0.3079



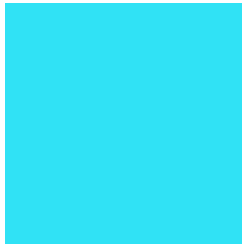
13.2929, 0.3468, 0.1684



1.1762, 0.3431, 0.1664

Previews

White Background



This preview shows how the Yxy color 61.6137, 0.2218, 0.3044 looks on a white background.

Color Contrast Check

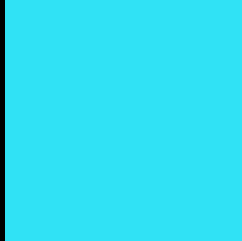
Large Text (above 18pt) WCAG AA × Fail

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 61.6137, 0.2218, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

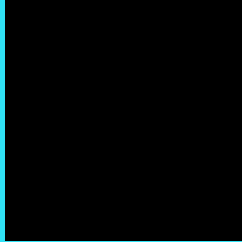
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6137, 0.2218, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 61.6137, 0.2218, 0.3044.



This preview shows how white text looks on a background with the Yxy color 61.6137, 0.2218, 0.3044.

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

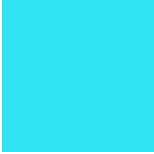
61.6137, 0.2218, 0.3044

Protanopia

60.7044, 0.2920, 0.2981

Deuteranopia

60.5529, 0.2786, 0.2726



Tritanopia

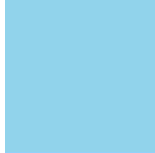
61.5287, 0.2220, 0.3056

Trichromacy



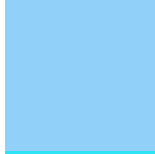
Original Color

61.6137, 0.2218, 0.3044



Protanomaly

58.6064, 0.2551, 0.2992



Deuteranomaly

58.4602, 0.2477, 0.2808



Tritanomaly

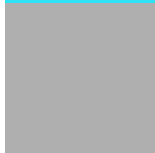
61.5287, 0.2220, 0.3056

Monochromacy



Original Color

61.6137, 0.2218, 0.3044



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

47.4208, 0.2621, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6137, 0.2218, 0.3044 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(48, 226, 245)` looks like.

```
.text, #text, p{  
    color:rgb(48, 226, 245)  
}
```

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(48, 226, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 226, 245) }
```

Border

The CSS property to change the border of an element to Yxy 61.6137, 0.2218, 0.3044 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(48, 226, 245) }
```

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

```
.border{ border-color:rgb(48, 226, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 226, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 226, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 226, 245);  
box-shadow:4px 4px 4px 4px rgb(48, 226,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6137, 0.2218, 0.3044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 226, 245) }
```

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

```
.background{ background-color: rgb(48, 226,  
245) }
```

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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