

Converting Colors

$Yxy(60.9614, 0.2212, 0.2968)$

Have a look what the booklet for
Yxy(60.9614, 0.2212, 0.2968)
contains.

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Color

Yxy(61.0207, 0.2212, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	39E0F9
RGB	57, 224, 249
RGB Percent	22%, 88%, 98%
CMY	0.7757, 0.1216, 0.0236
CMYK	0.77, 0.10, 0.00, 0.02
HSL	188°, 94%, 60%
HSV	188°, 77%, 98%
XYZ	45.4471, 61.0207, 98.9891
YIQ	176.9170, -107.5570, -27.6290

Conversions

Conversions Part 2

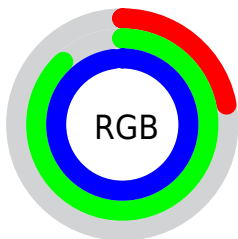
Format	Color
R _{YB}	57, 146, 249
Decimal	3793145
CIE _{Lab}	82.39, -33.11, -24.11
CIE _{LCh}	82, 40.959, 216.063
Y _{xy}	61.0207, 0.2212, 0.2970
Android (android.graphics.Color)	4281983225 (0xFF39E0F9)
Y _{UV}	176.9170, 35.5369, -105.1672
Hunter-Lab	78.1157, -32.8528, -20.4519

Details

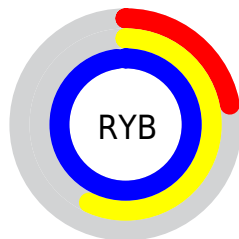
The Yxy color **61.0207, 0.2212, 0.2970** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **26.4959, 0.5630, 0.3482**, and the grayscale version is **43.8026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7265, 0.2493, 0.3288**, and **31.8555, 0.2132, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **58.7322, 0.2165, 0.2924**, and if you desaturate by 10%, it is **63.7056, 0.2278, 0.3016**.

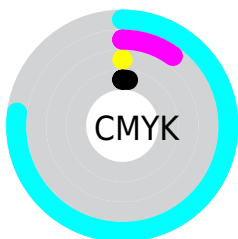
Distribution



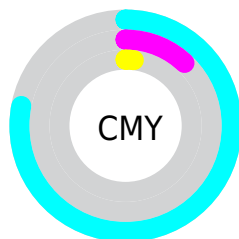
- Red (22%)
- Green (88%)
- Blue (98%)



- Red (22%)
- Yellow (57%)
- Blue (98%)



- Cyan (77%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)





- Cyan (78%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0207, 0.2212, 0.2970 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 61.0207, 0.2212, 0.2970 by changing the saturation by 10% instead.


 61.0207, 0.2212,
0.2970

 61.0207, 0.2212,
0.2970


428.3499, 0.2631,
0.3136

 44.2419, 0.2119,
0.2928

 106.3089, 0.2356,
0.3031


 30.8607, 0.2005,
0.2874


 135.5871, 0.2412,
0.3054

 20.4928, 0.1864,
0.2803


 169.8005, 0.2461,
0.3073

 12.7538, 0.1684,
0.2706

 209.3335, 0.2503,
0.3089

 7.2592, 0.1452,
0.2566

254.5706, 0.2541,
0.3103

 3.6247, 0.1144,
0.2352

305.8961, 0.2574,

 1.4659, 0.0682,

0.3116

0.2017

363.6944, 0.2604,
0.3127

0.2646, 0.0000,
0.1005

0.0000, 0.0000,
0.0000

61.0207, 0.2212,
0.2970

61.0207, 0.2212,
0.2970

58.7322, 0.2165,
0.2924

63.7056, 0.2278,
0.3016


56.7741, 0.2136,
0.2878


66.8266, 0.2364,
0.3063

56.2292, 0.2129,
0.2865


70.4253, 0.2468,
0.3108


74.5367, 0.2589,
0.3151

 79.1919, 0.2723,
0.3192

 84.4199, 0.2867,
0.3231

 90.2473, 0.3018,
0.3267

 96.4359, 0.3165,
0.3299

 98.4686, 0.3163,
0.3330

Harmonies

Analogous

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



61.0207, 0.2441, 0.3477



61.0207, 0.2212, 0.2970



61.0207, 0.2205, 0.2615

Triad

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



61.0207, 0.2212, 0.2970



61.0207, 0.3341, 0.2728



61.0207, 0.3841, 0.4168

Complementary

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



61.0207, 0.2212, 0.2970



26.4959, 0.5630, 0.3482

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.



61.0207, 0.4131, 0.3873



61.0207, 0.2212, 0.2970



61.0207, 0.3840, 0.3068

Square

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



61.0207, 0.2212, 0.2970



61.0207, 0.2818, 0.2512



61.0207, 0.4138, 0.3474



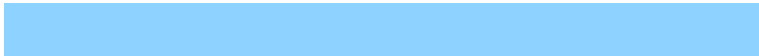
61.0207, 0.3372, 0.4228

Rectangle

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



61.0207, 0.2212, 0.2970



61.0207, 0.2322, 0.2492



61.0207, 0.4138, 0.3474



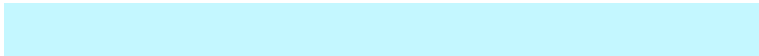
61.0207, 0.3964, 0.4089

Sweetspot

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



61.0229, 0.2212, 0.2970



85.7441, 0.2779, 0.3208



69.1885, 0.2958, 0.5531



17.9389, 0.2728, 0.3194



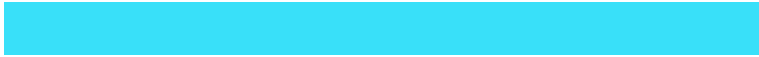
0.0000, 0.0000, 0.0000



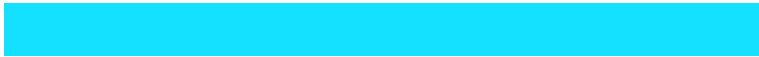
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0229, 0.2212, 0.2970



60.9189, 0.2148, 0.2901



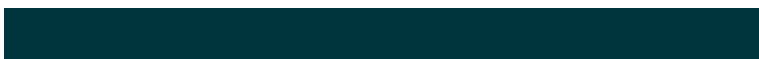
23.8700, 0.1872, 0.1663



19.2000, 0.2980, 0.3258



30.2535, 0.2131, 0.2872



2.9060, 0.2146, 0.2927

Inverse Universe

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



28.4637, 0.3469, 0.1829



27.1800, 0.3541, 0.1749



51.2746, 0.4705, 0.4368



17.4834, 0.3158, 0.3086



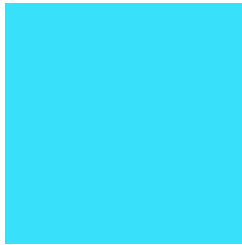
13.4650, 0.3569, 0.1739



1.2576, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 61.0207, 0.2212, 0.2970 looks on a white background.

Color Contrast Check

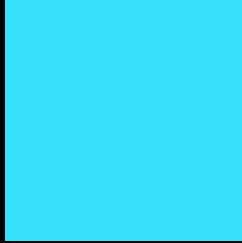
Large Text (above 18pt) WCAG AA × Fail

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 61.0207, 0.2212, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

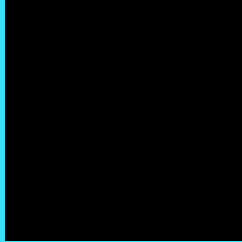
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0207, 0.2212, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 61.0207, 0.2212, 0.2970.

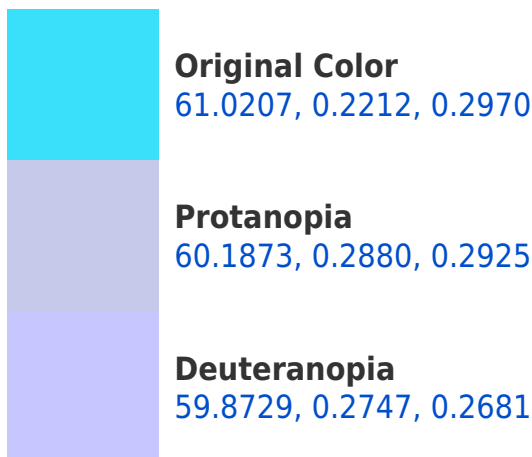


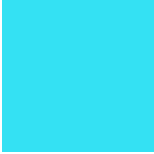
This preview shows how white text looks on a background with the Yxy color 61.0207, 0.2212, 0.2970.

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





Tritanopia

61.0516, 0.2228, 0.3056

Trichromacy



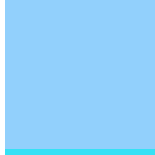
Original Color

61.0207, 0.2212, 0.2970



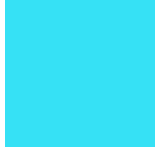
Protanomaly

58.5282, 0.2540, 0.2934



Deuteranomaly

58.2510, 0.2466, 0.2763



Tritanomaly

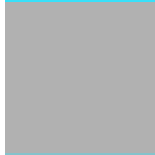
61.2273, 0.2224, 0.3031

Monochromacy



Original Color

61.0207, 0.2212, 0.2970



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

47.8819, 0.2627, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0207, 0.2212, 0.2970 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(57, 224, 249)` looks like.

```
.text, #text, p{  
    color:rgb(57, 224, 249)  
}
```

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(57, 224, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 224, 249) }
```

Border

The CSS property to change the border of an element to Yxy 61.0207, 0.2212, 0.2970 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(57, 224, 249) }
```

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

```
.border{ border-color:rgb(57, 224, 249) }
```

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

Here you see how a box with a 4 pixel rgb(57, 224, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 224, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 224, 249);  
box-shadow:4px 4px 4px 4px rgb(57, 224,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0207, 0.2212, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 224, 249) }
```

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

```
.background{ background-color: rgb(57, 224,  
249) }
```

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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