

Converting Colors

$Yxy(61.9731, 0.2193, 0.3032)$

Have a look what the booklet for
Yxy(61.9731, 0.2193, 0.3032)
contains.

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Color

Yxy(61.9296, 0.2192, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	1EE3F7
RGB	30, 227, 247
RGB Percent	12%, 89%, 97%
CMY	0.8837, 0.1098, 0.0313
CMYK	0.88, 0.08, 0.00, 0.03
HSL	186°, 93%, 54%
HSV	186°, 88%, 97%
XYZ	44.7871, 61.9296, 97.6040
YIQ	170.3770, -123.8320, -35.5440

Conversions

Conversions Part 2

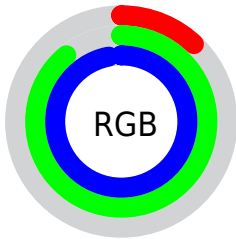
Format	Color
R _Y B	30, 133, 247
Decimal	2024439
CIE Lab	82.88, -37.11, -22.37
CIE LCh	83, 43.326, 211.078
Yxy	61.9296, 0.2192, 0.3031
Android (android.graphics.Color)	4280214519 (0xFF1EE3F7)
YUV	170.3770, 37.7751, -123.1106
Hunter-Lab	78.6954, -36.1290, -18.4492

Details

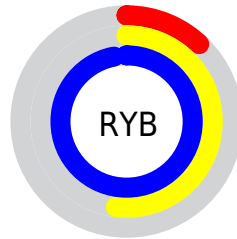
The Yxy color **61.9296, 0.2192, 0.3031** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **22.1218, 0.6090, 0.3392**, and the grayscale version is **40.1996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8776, 0.2453, 0.3288**, and **32.8874, 0.2155, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **60.4573, 0.2169, 0.3000**, and if you desaturate by 10%, it is **63.7073, 0.2232, 0.3063**.

Distribution



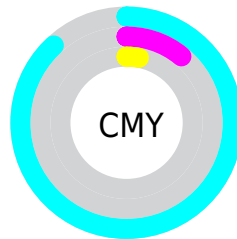
- Red (12%)
- Green (89%)
- Blue (97%)



- Red (12%)
- Yellow (52%)
- Blue (97%)



- Cyan (88%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)




- Cyan (88%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9296, 0.2192, 0.3031 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 61.9296, 0.2192, 0.3031 by changing the saturation by 10% instead.


 61.9296, 0.2192,
0.3031


 61.9296, 0.2192,
0.3031


431.6742, 0.2619,
0.3169


 44.9758, 0.2097,
0.2995


 107.6238, 0.2338,
0.3082

 31.4384, 0.1982,
0.2949


 137.1330, 0.2396,
0.3101

 20.9329, 0.1838,
0.2887


 171.5961, 0.2445,
0.3117

 13.0750, 0.1657,
0.2801

 211.3975, 0.2489,
0.3131

 7.4802, 0.1422,
0.2675

256.9216, 0.2527,
0.3143

 3.7642, 0.1113,
0.2481

308.5529, 0.2561,

 1.5425, 0.0632,

0.3153

0.2171

366.6756, 0.2592,
0.3162

■ 0.3184, 0.0000,
0.1238

■ 0.0000, 0.0000,
0.0000

■ 61.9296, 0.2192,
0.3031

■ 61.9296, 0.2192,
0.3031

■ 60.4573, 0.2169,
0.3000


■ 63.7073, 0.2232,
0.3063


■ 60.1799, 0.2165,
0.2993


■ 65.8464, 0.2292,
0.3095


■ 68.3955, 0.2370,
0.3127


■ 71.3936, 0.2468,
0.3159

 74.8752, 0.2583,
0.3189

 78.8711, 0.2712,
0.3218

 83.4099, 0.2853,
0.3246

 88.5175, 0.3003,
0.3271

 94.2185, 0.3159,
0.3295

Harmonies

Analogous

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



61.9296, 0.2467, 0.3580



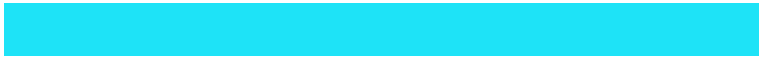
61.9296, 0.2192, 0.3031



61.9296, 0.2147, 0.2627

Triad

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



61.9296, 0.2192, 0.3031



61.9296, 0.3257, 0.2653



61.9296, 0.3943, 0.4172

Complementary

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



61.9296, 0.2192, 0.3031



22.1218, 0.6090, 0.3392

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.



61.9296, 0.4206, 0.3832



61.9296, 0.2192, 0.3031



61.9296, 0.3800, 0.2990

Square

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



61.9296, 0.2192, 0.3031



61.9296, 0.2720, 0.2455



61.9296, 0.4160, 0.3407



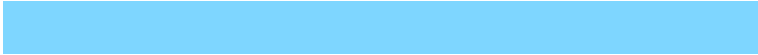
61.9296, 0.3470, 0.4292

Rectangle

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



61.9296, 0.2192, 0.3031



61.9296, 0.2244, 0.2476



61.9296, 0.4160, 0.3407



61.9296, 0.4060, 0.4076

Sweetspot

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



61.9319, 0.2192, 0.3031



85.6883, 0.2739, 0.3224



67.0161, 0.2978, 0.5816



17.9995, 0.2692, 0.3214



0.0000, 0.0000, 0.0000



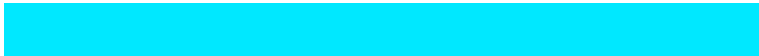
21.4041, 0.3127, 0.3290

Same Dimension

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



61.9319, 0.2192, 0.3031



64.6676, 0.2165, 0.2993



20.4733, 0.1779, 0.1514



18.4816, 0.2981, 0.3268



31.9331, 0.2166, 0.2999



2.8813, 0.2177, 0.3038

Inverse Universe

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



26.2354, 0.3424, 0.1705



27.0594, 0.3460, 0.1680



43.7975, 0.4989, 0.4321



16.7404, 0.3152, 0.3078



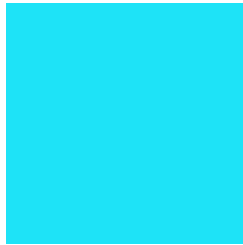
13.3230, 0.3455, 0.1677



1.1785, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 61.9296, 0.2192, 0.3031 looks on a white background.

Color Contrast Check

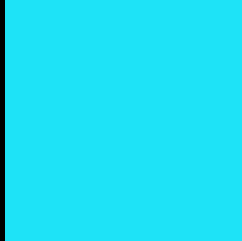
Large Text (above 18pt) WCAG AA × Fail

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 61.9296, 0.2192, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

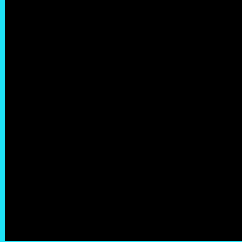
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9296, 0.2192, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 61.9296, 0.2192, 0.3031.



This preview shows how white text looks on a background with the Yxy color 61.9296, 0.2192, 0.3031.

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

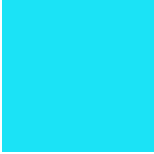
61.9296, 0.2192, 0.3031

Protanopia

60.7608, 0.2914, 0.2970

Deuteranopia

60.6798, 0.2774, 0.2706



Tritanopia

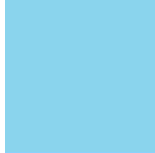
61.8250, 0.2193, 0.3043

Trichromacy



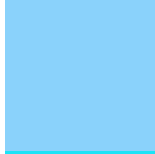
Original Color

61.9296, 0.2192, 0.3031



Protanomaly

58.6047, 0.2506, 0.2979



Deuteranomaly

58.4615, 0.2434, 0.2794



Tritanomaly

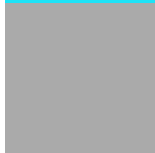
61.8389, 0.2194, 0.3043

Monochromacy



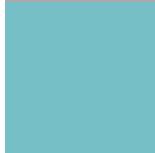
Original Color

61.9296, 0.2192, 0.3031



Achromatopsia

40.1978, 0.3127, 0.3290



Achromatomaly

45.2608, 0.2567, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9296, 0.2192, 0.3031 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(30, 227, 247)` looks like.

```
.text, #text, p{  
    color:rgb(30, 227, 247)  
}
```

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(30, 227, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 227, 247) }
```

Border

The CSS property to change the border of an element to Yxy 61.9296, 0.2192, 0.3031 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(30, 227, 247) }
```

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

```
.border{ border-color:rgb(30, 227, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 227, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 227, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 227, 247);  
box-shadow:4px 4px 4px 4px rgb(30, 227,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9296, 0.2192, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 227, 247) }
```

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

```
.background{ background-color: rgb(30, 227,  
247) }
```

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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