

Converting Colors

$Yxy(61.1504, 0.2317, 0.2995)$

Have a look what the booklet for
Yxy(61.1504, 0.2317, 0.2995)
contains.

Yxy(61.3219, 0.2319, 0.2999)	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(61.3219, 0.2319, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	60DEF5
RGB	96, 222, 245
RGB Percent	38%, 87%, 96%
CMY	0.6240, 0.1294, 0.0392
CMYK	0.61, 0.09, 0.00, 0.04
HSL	189°, 88%, 67%
HSV	189°, 61%, 96%
XYZ	47.4176, 61.3219, 95.7350
YIQ	186.9480, -82.4790, -19.5590

Conversions

Conversions Part 2

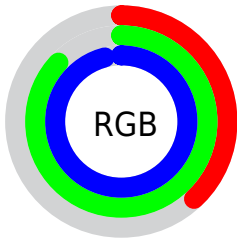
Format	Color
RYP	96, 164, 245
Decimal	6348533
CIELab	82.55, -28.24, -21.69
CIElCh	83, 35.602, 217.525
Yxy	61.3219, 0.2319, 0.2999
Android (android.graphics.Color)	4284538613 (0xFF60DEF5)
YUV	186.9480, 28.6196, -79.7614
Hunter-Lab	78.3083, -28.9533, -17.6685

Details

The Yxy color **61.3219, 0.2319, 0.2999** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **33.4205, 0.4888, 0.3525**, and the grayscale version is **49.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **31.3116, 0.2144, 0.2918** is the 20% darker color. If you saturate the color by 10%, you get **58.2130, 0.2237, 0.2944**, and if you desaturate by 10%, it is **64.8941, 0.2420, 0.3053**.

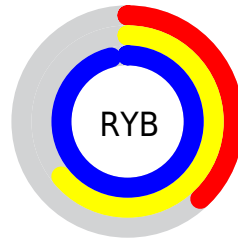
Distribution



Red (38%)

Green (87%)

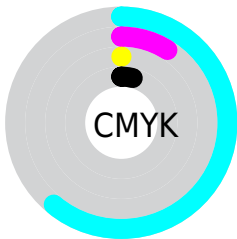
Blue (96%)



Red (38%)

Yellow (64%)

Blue (96%)

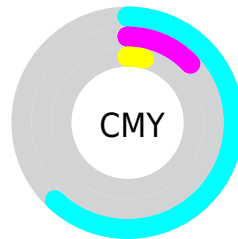


Cyan (61%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (62%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3219, 0.2319, 0.2999 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 61.3219, 0.2319, 0.2999 by changing the saturation by 10% instead.


 61.3219, 0.2319,
0.2999


 61.3219, 0.2319,
0.2999


429.4533, 0.2691,
0.3148


 44.4850, 0.2235,
0.2962

 106.7449, 0.2447,
0.3054


 31.0520, 0.2133,
0.2914


 136.0998, 0.2497,
0.3074

 20.6384, 0.2005,
0.2851


 170.3961, 0.2541,
0.3091

 12.8600, 0.1840,
0.2764


 210.0183, 0.2579,
0.3106

 7.3322, 0.1624,
0.2640

255.3507, 0.2612,
0.3119

 3.6707, 0.1331,
0.2449

306.7777, 0.2641,

 1.4911, 0.0905,

0.3130

0.2138

364.6838, 0.2668,
0.3140

0.2825, 0.0000,
0.1184

0.0000, 0.0000,
0.0000

61.3219, 0.2319,
0.2999

61.3219, 0.2319,
0.2999

58.2130, 0.2237,
0.2944

64.8941, 0.2420,
0.3053

55.5204, 0.2175,
0.2888

68.9579, 0.2537,
0.3106

53.1981, 0.2132,
0.2833

73.5470, 0.2668,
0.3156

51.3312, 0.2106,
0.2783

78.6901, 0.2810,
0.3203

84.4136, 0.2959,
0.3247

90.7423, 0.3114,
0.3287

95.2747, 0.3189,
0.3323

97.6274, 0.3187,
0.3360

99.3735, 0.3185,
0.3386

Harmonies

Analogous

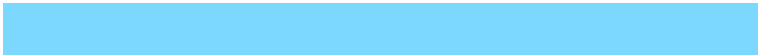
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.3219, 0.2515, 0.3432



61.3219, 0.2319, 0.2999



61.3219, 0.2321, 0.2693

Triad

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



61.3219, 0.2319, 0.2999



61.3219, 0.3339, 0.2808



61.3219, 0.3736, 0.4063

Complementary

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



61.3219, 0.2319, 0.2999



33.4205, 0.4888, 0.3525

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.



61.3219, 0.3994, 0.3823



61.3219, 0.2319, 0.2999



61.3219, 0.3763, 0.3116

Square

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



61.3219, 0.2319, 0.2999



61.3219, 0.2881, 0.2611



61.3219, 0.4009, 0.3477



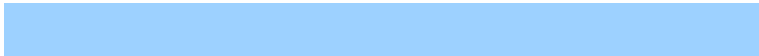
61.3219, 0.3324, 0.4093

Rectangle

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



61.3219, 0.2319, 0.2999



61.3219, 0.2432, 0.2587



61.3219, 0.4009, 0.3477



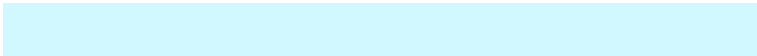
61.3219, 0.3845, 0.4002

Sweetspot

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



61.3242, 0.2319, 0.2999



87.8765, 0.2851, 0.3216



69.1080, 0.2947, 0.4998



18.4326, 0.2808, 0.3203



0.0000, 0.0000, 0.0000



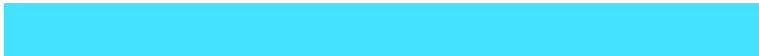
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3242, 0.2319, 0.2999



63.0319, 0.2221, 0.2931



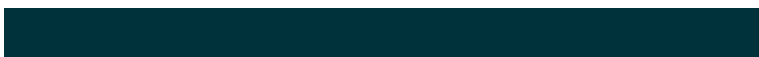
30.2756, 0.2088, 0.1982



18.2969, 0.2980, 0.3253



27.8157, 0.2109, 0.2792



2.5597, 0.2128, 0.2861

Inverse Universe

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



33.0323, 0.3425, 0.2056



31.0049, 0.3499, 0.1899



58.3157, 0.4314, 0.4278



16.7218, 0.3162, 0.3092



12.9074, 0.3642, 0.1780



1.1460, 0.3579, 0.1745

Previews

White Background



This preview shows how the Yxy color 61.3219, 0.2319, 0.2999 looks on a white background.

Color Contrast Check

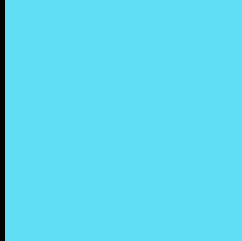
Large Text (above 18pt) WCAG AA × Fail

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 61.3219, 0.2319, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

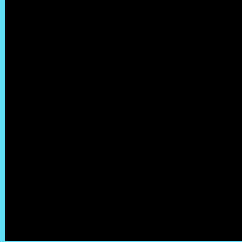
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3219, 0.2319, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 61.3219, 0.2319, 0.2999.

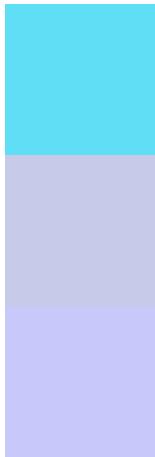


This preview shows how white text looks on a background with the Yxy color 61.3219, 0.2319, 0.2999.

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

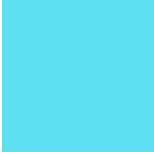
61.3219, 0.2319, 0.2999

Protanopia

60.2094, 0.2900, 0.2947

Deuteranopia

60.6282, 0.2799, 0.2737



Tritanopia

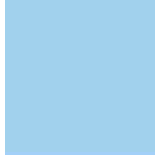
61.5059, 0.2332, 0.3060

Trichromacy



Original Color

61.3219, 0.2319, 0.2999



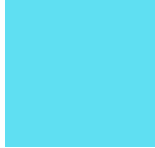
Protanomaly

59.2924, 0.2628, 0.2952



Deuteranomaly

59.6756, 0.2579, 0.2819



Tritanomaly

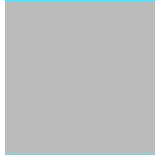
61.6191, 0.2331, 0.3048

Monochromacy



Original Color

61.3219, 0.2319, 0.2999



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.7326, 0.2740, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3219, 0.2319, 0.2999 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(96, 222, 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(96, 222, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 222, 245) }
```

Border

The CSS property to change the border of an element to Yxy 61.3219, 0.2319, 0.2999 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, 245) }
```

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

```
.border{ border-color:rgb(96, 222, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 222, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 222, 245);  
box-shadow:4px 4px 4px 4px rgb(96, 222,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3219, 0.2319, 0.2999 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, 245) }
```

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

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