

Converting Colors

$Yxy(72.4979, 0.2389, 0.3291)$

Have a look what the booklet for
Yxy(72.4979, 0.2389, 0.3291)
contains.

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Color

Yxy(72.4019, 0.2389, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	60F2F2
RGB	96, 242, 242
RGB Percent	38%, 95%, 95%
CMY	0.6232, 0.0510, 0.0510
CMYK	0.60, 0.00, 0.00, 0.05
HSL	180°, 85%, 66%
HSV	180°, 60%, 95%
XYZ	52.6059, 72.4019, 95.1926
YIQ	198.3460, -87.0160, -30.9520

Conversions

Conversions Part 2

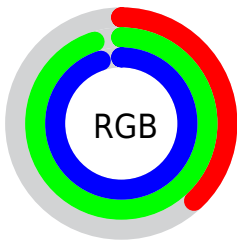
Format	Color
R _Y B	96, 169, 242
Decimal	6353650
CIE Lab	88.16, -38.45, -11.65
CIE LCh	88, 40.178, 196.856
Yxy	72.4019, 0.2389, 0.3288
Android (android.graphics.Color)	4284543730 (0xFF60F2F2)
YUV	198.3460, 21.5214, -89.7574
Hunter-Lab	85.0893, -38.5499, -6.7675

Details

The Yxy color **72.4019, 0.2389, 0.3288** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **28.1022, 0.5033, 0.3296**, and the grayscale version is **56.6116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3171, 0.2610, 0.3288**, and **38.2431, 0.2242, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **71.2866, 0.2326, 0.3288**, and if you desaturate by 10%, it is **73.9266, 0.2471, 0.3288**.

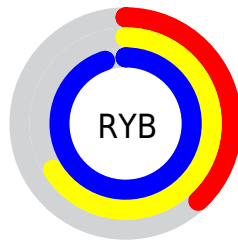
Distribution



Red (38%)

Green (95%)

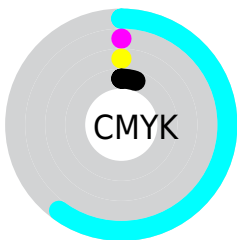
Blue (95%)



Red (38%)

Yellow (66%)

Blue (95%)

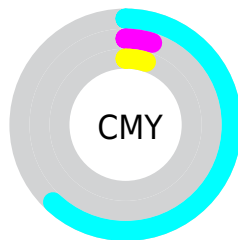


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (62%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4019, 0.2389, 0.3288 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 72.4019, 0.2389, 0.3288 by changing the saturation by 10% instead.


 72.4019, 0.2389,
0.3288


 72.4019, 0.2389,
0.3288


468.9393, 0.2722,
0.3298


 53.4870, 0.2315,
0.3283


 122.6278, 0.2503,
0.3293

 38.1917, 0.2225,
0.3277


 154.7075, 0.2548,
0.3295

 26.1315, 0.2114,
0.3266


 191.9444, 0.2586,
0.3296

 16.9221, 0.1971,
0.3250

234.7228, 0.2620,
0.3297

 10.1789, 0.1785,
0.3222

283.4271, 0.2650,
0.3297

 5.5178, 0.1532,
0.3173

338.4417, 0.2677,

 2.5541, 0.1178,

0.3298

0.3073

400.1509, 0.2701,
0.3298

0.9037, 0.0000,
0.3047

0.0000, 0.0000,
0.0000

72.4019, 0.2389,
0.3288

72.4019, 0.2389,
0.3288

71.2866, 0.2326,
0.3288

73.9266, 0.2471,
0.3288

70.5341, 0.2283,
0.3288

75.8861, 0.2572,
0.3288


70.1013, 0.2258,
0.3288


78.3132, 0.2691,
0.3289


69.9133, 0.2247,
0.3288

81.2352, 0.2824,
0.3289

 84.6775, 0.2969,
0.3290

 88.6635, 0.3122,
0.3290

 91.1751, 0.3212,
0.3290

 91.1752, 0.3212,
0.3290

 91.1754, 0.3212,
0.3290

Harmonies

Analogous

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



72.4019, 0.2724, 0.3768



72.4019, 0.2389, 0.3288



72.4019, 0.2247, 0.2857

Triad

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



72.4019, 0.2389, 0.3288



72.4019, 0.3010, 0.2619



72.4019, 0.3990, 0.3952

Complementary

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



72.4019, 0.2389, 0.3288



28.1022, 0.5033, 0.3296

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.



72.4019, 0.4095, 0.3605



72.4019, 0.2389, 0.3288



72.4019, 0.3504, 0.2870

Square

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



72.4019, 0.2389, 0.3288



72.4019, 0.2582, 0.2516



72.4019, 0.3915, 0.3219



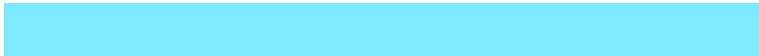
72.4019, 0.3649, 0.4155

Rectangle

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



72.4019, 0.2389, 0.3288



72.4019, 0.2269, 0.2658



72.4019, 0.3915, 0.3219



72.4019, 0.4055, 0.3846

Sweetspot

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



72.4047, 0.2389, 0.3288



92.3096, 0.2855, 0.3289



66.9748, 0.3046, 0.5237



19.5316, 0.2814, 0.3289



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.



72.4047, 0.2389, 0.3288



80.0935, 0.2317, 0.3288



38.2044, 0.2176, 0.2341



17.9290, 0.2981, 0.3290



37.5581, 0.2247, 0.3288



3.1245, 0.2247, 0.3288

Inverse Universe

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



28.1022, 0.5033, 0.3296



26.2779, 0.5605, 0.3297



47.2155, 0.4481, 0.4031



15.7589, 0.3293, 0.3290



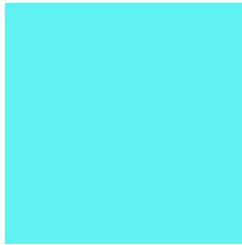
10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 72.4019, 0.2389, 0.3288 looks on a white background.

Color Contrast Check

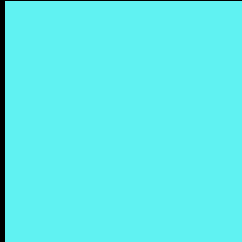
Large Text (above 18pt) WCAG AA × Fail

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 72.4019, 0.2389, 0.3288 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 72.4019, 0.2389, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 72.4019, 0.2389, 0.3288.

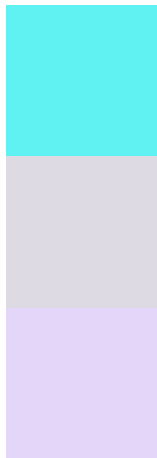


This preview shows how white text looks on a background with the Yxy color 72.4019, 0.2389, 0.3288.

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

72.4019, 0.2389, 0.3288

Protanopia

71.1164, 0.3082, 0.3182

Deuteranopia

71.2013, 0.2996, 0.2935



Tritanopia

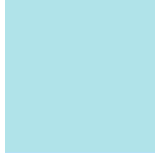
71.9259, 0.2411, 0.3076

Trichromacy



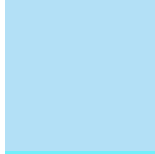
Original Color

72.4019, 0.2389, 0.3288



Protanomaly

70.0515, 0.2761, 0.3220



Deuteranomaly

69.5488, 0.2705, 0.3040



Tritanomaly

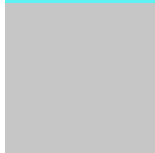
72.1458, 0.2403, 0.3157

Monochromacy



Original Color

72.4019, 0.2389, 0.3288



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

60.5252, 0.2765, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4019, 0.2389, 0.3288 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, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(96, 242, 242)  
}
```

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, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 242, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.4019, 0.2389, 0.3288 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, 242, 242) }
```

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

```
.border{ border-color:rgb(96, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(96, 242,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4019, 0.2389, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 242, 242) }
```

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

```
.background{ background-color: rgb(96, 242,  
242) }
```

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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