

Converting Colors

$Yxy(73.4572, 0.2372, 0.3288)$

Have a look what the booklet for
Yxy(73.4572, 0.2372, 0.3288)
contains.

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Color

Yxy(73.4572, 0.2372, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	5BF4F4
RGB	91, 244, 244
RGB Percent	36%, 96%, 96%
CMY	0.6431, 0.0431, 0.0432
CMYK	0.63, 0.00, 0.00, 0.04
HSL	180°, 87%, 66%
HSV	180°, 63%, 96%
XYZ	52.9928, 73.4572, 96.9599
YIQ	198.2530, -91.1880, -32.4360

Conversions

Conversions Part 2

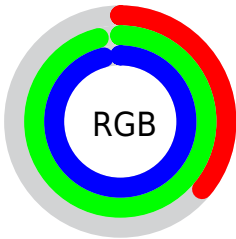
Format	Color
R _{YB}	91, 168, 244
Decimal	6026484
CIE Lab	88.67, -39.62, -11.96
CIE LCh	89, 41.384, 196.796
Yxy	73.4572, 0.2372, 0.3288
Android (android.graphics.Color)	4284216564 (0xFF5BF4F4)
YUV	198.2530, 22.5533, -94.0609
Hunter-Lab	85.7072, -39.6208, -7.0793

Details

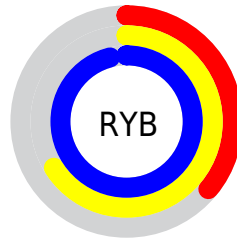
The Yxy color **73.4572, 0.2372, 0.3288** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **27.4752, 0.5151, 0.3296**, and the grayscale version is **56.5393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **39.1715, 0.2242, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **72.4145, 0.2314, 0.3288**, and if you desaturate by 10%, it is **74.9084, 0.2450, 0.3288**.

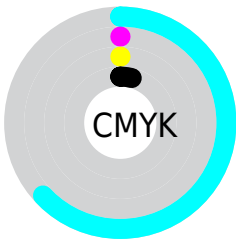
Distribution



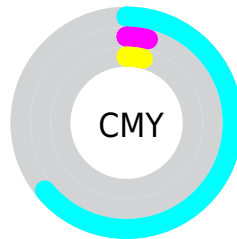
- Red (36%)
- Green (96%)
- Blue (96%)



- Red (36%)
- Yellow (66%)
- Blue (96%)



- Cyan (63%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)




- Cyan (64%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4572, 0.2372, 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 73.4572, 0.2372, 0.3288 by changing the saturation by 10% instead.


 73.4572, 0.2372,
0.3288

 73.4572, 0.2372,
0.3288


472.5979, 0.2712,
0.3299


 54.3499, 0.2297,
0.3283


 124.1260, 0.2488,
0.3294

 38.8815, 0.2206,
0.3276


 156.4564, 0.2533,
0.3295

 26.6675, 0.2093,
0.3266


 193.9632, 0.2573,
0.3296

 17.3237, 0.1949,
0.3249

 237.0308, 0.2608,
0.3297

 10.4655, 0.1762,
0.3220

286.0437, 0.2638,
0.3298

 5.7087, 0.1509,
0.3170

341.3863, 0.2666,

 2.6688, 0.1157,

0.3298

0.3068

403.4428, 0.2690,
0.3299

0.9614, 0.0000,
0.3040

0.0000, 0.0000,
0.0000

73.4572, 0.2372,
0.3288

73.4572, 0.2372,
0.3288

72.4145, 0.2314,
0.3288

74.9084, 0.2450,
0.3288

71.7314, 0.2275,
0.3288


76.7951, 0.2546,
0.3288


71.3612, 0.2254,
0.3288


79.1514, 0.2661,
0.3289

71.2342, 0.2247,
0.3288

82.0060, 0.2790,
0.3289

 85.3851, 0.2933,
0.3289

 89.3132, 0.3085,
0.3290

 92.4963, 0.3199,
0.3290

 92.4965, 0.3199,
0.3290

 92.4967, 0.3199,
0.3290

Harmonies

Analogous

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



73.4572, 0.2715, 0.3782



73.4572, 0.2372, 0.3288



73.4572, 0.2227, 0.2846

Triad

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



73.4572, 0.2372, 0.3288



73.4572, 0.3005, 0.2604



73.4572, 0.4011, 0.3966

Complementary

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



73.4572, 0.2372, 0.3288



27.4752, 0.5151, 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.



73.4572, 0.4119, 0.3610



73.4572, 0.2372, 0.3288



73.4572, 0.3513, 0.2859

Square

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



73.4572, 0.2372, 0.3288



73.4572, 0.2568, 0.2498



73.4572, 0.3934, 0.3216



73.4572, 0.3662, 0.4176

Rectangle

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



73.4572, 0.2372, 0.3288



73.4572, 0.2249, 0.2643



73.4572, 0.3934, 0.3216



73.4572, 0.4078, 0.3857

Sweetspot

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



73.4600, 0.2372, 0.3288



91.9403, 0.2841, 0.3289



67.8168, 0.3042, 0.5316



19.4599, 0.2801, 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.



73.4600, 0.2372, 0.3288



79.8200, 0.2303, 0.3288



37.5294, 0.2142, 0.2295



18.7578, 0.2981, 0.3290



38.7316, 0.2247, 0.3288



3.4041, 0.2247, 0.3288

Inverse Universe

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



27.4752, 0.5151, 0.3296



25.2663, 0.5740, 0.3298



46.8860, 0.4550, 0.4052



16.4826, 0.3294, 0.3290



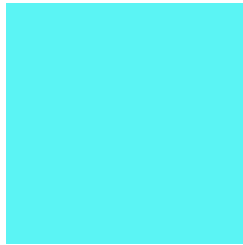
10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 73.4572, 0.2372, 0.3288 looks on a white background.

Color Contrast Check

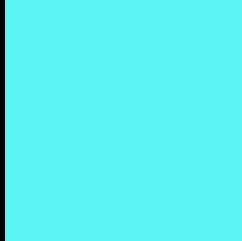
Large Text (above 18pt) WCAG AA × Fail

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 73.4572, 0.2372, 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 73.4572, 0.2372, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 73.4572, 0.2372, 0.3288.

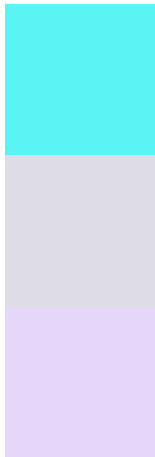


This preview shows how white text looks on a background with the Yxy color 73.4572, 0.2372, 0.3288.

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

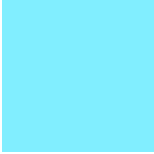
73.4572, 0.2372, 0.3288

Protanopia

72.3731, 0.3082, 0.3193

Deuteranopia

71.9970, 0.2990, 0.2927



Tritanopia

73.0362, 0.2440, 0.3090

Trichromacy



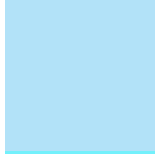
Original Color

73.4572, 0.2372, 0.3288



Protanomaly

70.9778, 0.2746, 0.3231



Deuteranomaly

70.6350, 0.2691, 0.3041



Tritanomaly

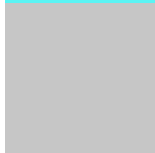
72.9300, 0.2409, 0.3157

Monochromacy



Original Color

73.4572, 0.2372, 0.3288



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

60.8781, 0.2748, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4572, 0.2372, 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(91, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(91, 244, 244)  
}
```

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(91, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 244, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.4572, 0.2372, 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(91, 244, 244) }
```

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

```
.border{ border-color:rgb(91, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(91, 244,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4572, 0.2372, 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(91, 244, 244) }
```

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

```
.background{ background-color: rgb(91, 244,  
244) }
```

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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