

Converting Colors

$Yxy(74.7895, 0.2370, 0.3288)$

Have a look what the booklet for
Yxy(74.7895, 0.2370, 0.3288)
contains.

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Color

Yxy(74.7895, 0.2370, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	5BF6F6
RGB	91, 246, 246
RGB Percent	36%, 96%, 96%
CMY	0.6427, 0.0353, 0.0354
CMYK	0.63, 0.00, 0.00, 0.04
HSL	180°, 90%, 66%
HSV	180°, 63%, 96%
XYZ	53.9085, 74.7895, 98.7640
YIQ	199.6550, -92.3800, -32.8600

Conversions

Conversions Part 2

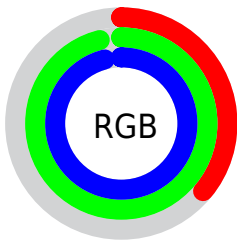
Format	Color
R_{YB}	91, 169, 246
Decimal	6026998
CIE _{Lab}	89.29, -39.97, -12.06
CIE _{LCh}	89, 41.753, 196.789
Yxy	74.7895, 0.2370, 0.3288
Android (android.graphics.Color)	4284217078 (0xFF5BF6F6)
YUV	199.6550, 22.8481, -95.2904
Hunter-Lab	86.4809, -40.0724, -7.1744

Details

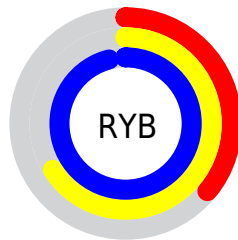
The Yxy color **74.7895, 0.2370, 0.3288** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **27.8494, 0.5166, 0.3296**, and the grayscale version is **57.4521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **40.1129, 0.2242, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **73.7386, 0.2313, 0.3288**, and if you desaturate by 10%, it is **76.2558, 0.2447, 0.3288**.

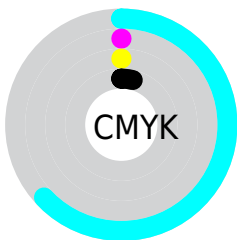
Distribution



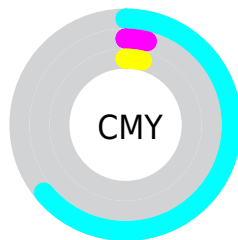
- Red (36%)
- Green (96%)
- Blue (96%)



- 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 74.7895, 0.2370, 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 74.7895, 0.2370, 0.3288 by changing the saturation by 10% instead.


 74.7895, 0.2370,
0.3288


 74.7895, 0.2370,
0.3288

477.1937, 0.2710,
0.3299

 55.4405, 0.2295,
0.3283


 126.0143, 0.2486,
0.3294

 39.7545, 0.2205,
0.3276


 158.6589, 0.2531,
0.3295

 27.3472, 0.2093,
0.3266


 196.5042, 0.2571,
0.3296

 17.8341, 0.1950,
0.3249

 239.9344, 0.2605,
0.3297

 10.8310, 0.1765,
0.3221

289.3341, 0.2636,
0.3298

 5.9533, 0.1516,
0.3171

345.0877, 0.2663,

 2.8167, 0.1171,

0.3298

0.3073

407.5794, 0.2688,
0.3299

1.0368, 0.0006,
0.3061

0.0000, 0.0000,
0.0000

74.7895, 0.2370,
0.3288

74.7895, 0.2370,
0.3288

73.7386, 0.2313,
0.3288

76.2558, 0.2447,
0.3288

73.0528, 0.2274,
0.3288


78.1651, 0.2543,
0.3288


72.6844, 0.2254,
0.3288


80.5523, 0.2657,
0.3289


72.5623, 0.2247,
0.3288


83.4468, 0.2787,
0.3289

 86.8753, 0.2929,
0.3289

 90.8628, 0.3081,
0.3290

 93.8245, 0.3185,
0.3290

 93.8247, 0.3185,
0.3290

 93.8249, 0.3185,
0.3290

Harmonies

Analogous

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



74.7895, 0.2714, 0.3783



74.7895, 0.2370, 0.3288



74.7895, 0.2224, 0.2845

Triad

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



74.7895, 0.2370, 0.3288



74.7895, 0.3005, 0.2602



74.7895, 0.4014, 0.3967

Complementary

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



74.7895, 0.2370, 0.3288



27.8494, 0.5166, 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.



74.7895, 0.4122, 0.3611



74.7895, 0.2370, 0.3288



74.7895, 0.3513, 0.2858

Square

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



74.7895, 0.2370, 0.3288



74.7895, 0.2567, 0.2496



74.7895, 0.3937, 0.3215



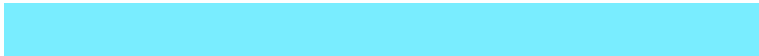
74.7895, 0.3664, 0.4179

Rectangle

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



74.7895, 0.2370, 0.3288



74.7895, 0.2247, 0.2641



74.7895, 0.3937, 0.3215



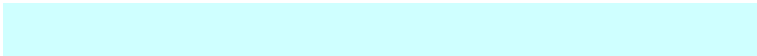
74.7895, 0.4081, 0.3858

Sweetspot

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



74.7923, 0.2370, 0.3288



91.9403, 0.2841, 0.3289



69.0306, 0.3042, 0.5325



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.



74.7923, 0.2370, 0.3288



79.7368, 0.2298, 0.3288



38.0584, 0.2138, 0.2289



18.7578, 0.2981, 0.3290



38.7315, 0.2247, 0.3288



3.4041, 0.2247, 0.3288

Inverse Universe

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



27.8494, 0.5166, 0.3296



24.9582, 0.5783, 0.3298



47.6104, 0.4558, 0.4054



16.4826, 0.3294, 0.3290



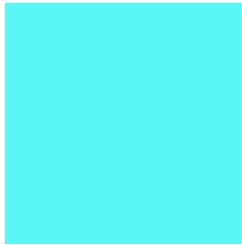
10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 74.7895, 0.2370, 0.3288 looks on a white background.

Color Contrast Check

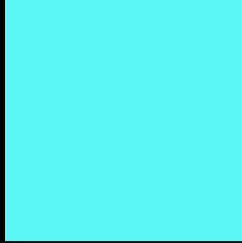
Large Text (above 18pt) WCAG AA × Fail

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 74.7895, 0.2370, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

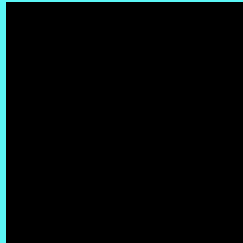
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7895, 0.2370, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 74.7895, 0.2370, 0.3288.

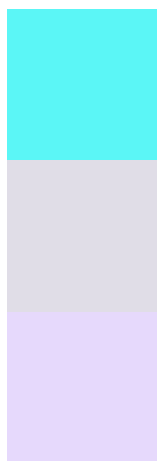


This preview shows how white text looks on a background with the Yxy color 74.7895, 0.2370, 0.3288.

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

74.7895, 0.2370, 0.3288

Protanopia

73.3297, 0.3083, 0.3183

Deuteranopia

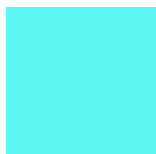
73.4770, 0.2991, 0.2929



Tritanopia

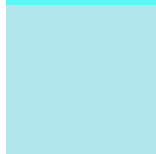
74.3563, 0.2479, 0.3104

Trichromacy



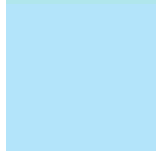
Original Color

74.7895, 0.2370, 0.3288



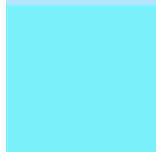
Protanomaly

71.8799, 0.2748, 0.3220



Deuteranomaly

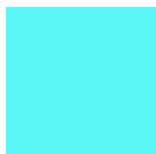
71.9726, 0.2688, 0.3043



Tritanomaly

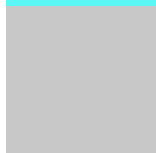
74.5975, 0.2431, 0.3171

Monochromacy



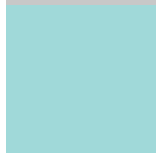
Original Color

74.7895, 0.2370, 0.3288



Achromatopsia

57.7580, 0.3127, 0.3290



Achromatomaly

62.1090, 0.2745, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7895, 0.2370, 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, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(91, 246, 246)  
}
```

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, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 246, 246) }
```

Border

The CSS property to change the border of an element to Yxy 74.7895, 0.2370, 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, 246, 246) }
```

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

```
.border{ border-color:rgb(91, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(91, 246,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7895, 0.2370, 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, 246, 246) }
```

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

```
.background{ background-color: rgb(91, 246,  
246) }
```

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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