

Converting Colors

$Yxy(78.2817, 0.2376, 0.3321)$

Have a look what the booklet for
Yxy(78.2817, 0.2376, 0.3321)
contains.

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Color

Yxy(78.1092, 0.2375, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	5CFBF9
RGB	92, 251, 249
RGB Percent	36%, 98%, 98%
CMY	0.6389, 0.0157, 0.0237
CMYK	0.63, 0.00, 0.01, 0.02
HSL	179°, 95%, 67%
HSV	179°, 63%, 98%
XYZ	56.0113, 78.1092, 101.7165
YIQ	203.2310, -94.1220, -34.3300

Conversions

Conversions Part 2

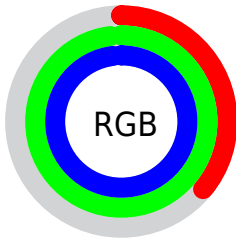
Format	Color
RYB	92, 172, 251
Decimal	6093817
CIELab	90.83, -41.28, -11.32
CIELCh	91, 42.803, 195.339
Yxy	78.1092, 0.2375, 0.3312
Android (android.graphics.Color)	4284283897 (0xFF5CFBF9)
YUV	203.2310, 22.5641, -97.5496
Hunter-Lab	88.3794, -41.5379, -6.3717

Details

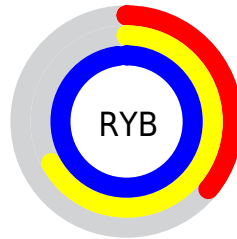
The Yxy color **78.1092, 0.2375, 0.3312** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **28.9902, 0.5161, 0.3278**, and the grayscale version is **59.7891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **42.4338, 0.2251, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **77.0051, 0.2319, 0.3316**, and if you desaturate by 10%, it is **79.6474, 0.2451, 0.3308**.

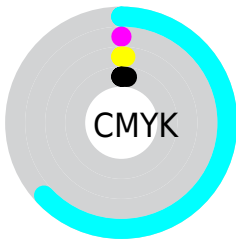
Distribution



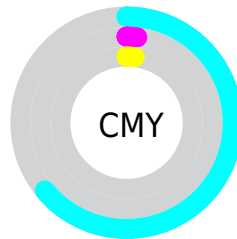
- Red (36%)
- Green (98%)
- Blue (98%)



- Red (36%)
- Yellow (67%)
- Blue (98%)



- Cyan (63%)
- Magenta (0%)
- Yellow (1%)
- Black (2%)





- Cyan (64%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1092, 0.2375, 0.3312 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 78.1092, 0.2375, 0.3312 by changing the saturation by 10% instead.


 78.1092, 0.2375,
0.3312


 78.1092, 0.2375,
0.3312


488.5376, 0.2710,
0.3311


 58.1637, 0.2302,
0.3310


 130.7040, 0.2489,
0.3314

 41.9403, 0.2213,
0.3306


 164.1222, 0.2533,
0.3314

 29.0545, 0.2104,
0.3300


 202.8000, 0.2572,
0.3314

 19.1221, 0.1966,
0.3289

247.1218, 0.2607,
0.3313

 11.7585, 0.1787,
0.3270

297.4721, 0.2637,
0.3313

 6.5795, 0.1547,
0.3233

354.2352, 0.2664,

 3.2005, 0.1216,

0.3312

417.7956, 0.2688,
0.3312

0.3158

1.2373, 0.0332,
0.3119

0.0919, 0.0000,
0.0934

78.1092, 0.2375,
0.3312

78.1092, 0.2375,
0.3312

77.0051, 0.2319,
0.3316

79.6474, 0.2451,
0.3308

76.2820, 0.2283,
0.3320

81.6490, 0.2545,
0.3304

75.8893, 0.2263,
0.3324

84.1508, 0.2658,
0.3300


75.7587, 0.2258,
0.3327

87.1836, 0.2785,
0.3297

 90.7756, 0.2926,
0.3294

 94.9533, 0.3076,
0.3291

 97.2334, 0.3151,
0.3288

 97.2537, 0.3149,
0.3285

 97.2741, 0.3147,
0.3282

Harmonies

Analogous

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



78.1092, 0.2730, 0.3811



78.1092, 0.2375, 0.3312



78.1092, 0.2218, 0.2858

Triad

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



78.1092, 0.2375, 0.3312



78.1092, 0.2979, 0.2587



78.1092, 0.4034, 0.3958

Complementary

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



78.1092, 0.2375, 0.3312



28.9902, 0.5161, 0.3278

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.



78.1092, 0.4130, 0.3594



78.1092, 0.2375, 0.3312



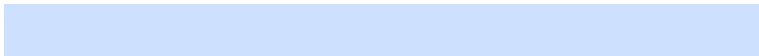
78.1092, 0.3493, 0.2838

Square

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



78.1092, 0.2375, 0.3312



78.1092, 0.2543, 0.2488



78.1092, 0.3929, 0.3195



78.1092, 0.3690, 0.4183

Rectangle

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



78.1092, 0.2375, 0.3312



78.1092, 0.2234, 0.2646



78.1092, 0.3929, 0.3195



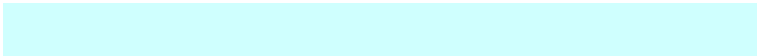
78.1092, 0.4098, 0.3846

Sweetspot

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



78.1122, 0.2375, 0.3312



91.9007, 0.2844, 0.3296



72.1881, 0.3041, 0.5338



19.4502, 0.2805, 0.3297



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.



78.1122, 0.2375, 0.3312



79.5795, 0.2307, 0.3317



39.5928, 0.2132, 0.2281



19.6045, 0.2982, 0.3293



39.8234, 0.2257, 0.3326



3.6895, 0.2256, 0.3321

Inverse Universe

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



28.9902, 0.5161, 0.3278



24.9854, 0.5758, 0.3282



49.6218, 0.4570, 0.4058



17.2288, 0.3292, 0.3287



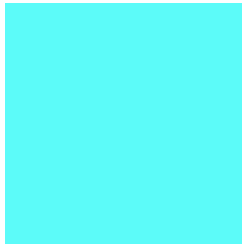
10.7858, 0.6388, 0.3292



1.0002, 0.6355, 0.3274

Previews

White Background



This preview shows how the Yxy color 78.1092, 0.2375, 0.3312 looks on a white background.

Color Contrast Check

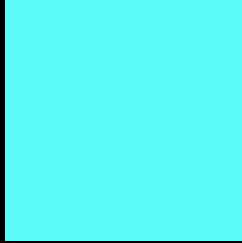
Large Text (above 18pt) WCAG AA × Fail

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 78.1092, 0.2375, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

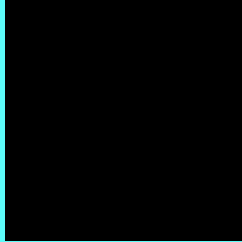
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.1092, 0.2375, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 78.1092, 0.2375, 0.3312.

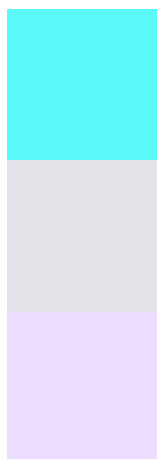


This preview shows how white text looks on a background with the Yxy color 78.1092, 0.2375, 0.3312.

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

78.1092, 0.2375, 0.3312

Protanopia

76.9912, 0.3097, 0.3206

Deuteranopia

76.5951, 0.3006, 0.2946



Tritanopia

77.3997, 0.2573, 0.3131

Trichromacy



Original Color

78.1092, 0.2375, 0.3312



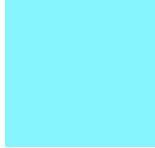
Protanomaly

75.2324, 0.2754, 0.3244



Deuteranomaly

74.8724, 0.2700, 0.3057



Tritanomaly

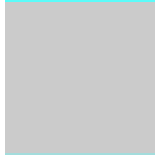
77.4650, 0.2484, 0.3196

Monochromacy



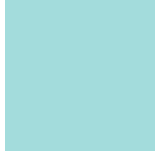
Original Color

78.1092, 0.2375, 0.3312



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

64.1402, 0.2749, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1092, 0.2375, 0.3312 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(92, 251, 249)` looks like.

```
.text, #text, p{  
    color:rgb(92, 251, 249)  
}
```

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(92, 251, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 251, 249) }
```

Border

The CSS property to change the border of an element to Yxy 78.1092, 0.2375, 0.3312 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(92, 251, 249) }
```

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

```
.border{ border-color:rgb(92, 251, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 251, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 251, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 251, 249);  
box-shadow:4px 4px 4px 4px rgb(92, 251,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1092, 0.2375, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 251, 249) }
```

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

```
.background{ background-color: rgb(92, 251,  
249) }
```

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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