

Converting Colors

$Y_{xy}(72.3328, 0.2326, 0.3251)$

Have a look what the booklet for
Yxy(72.3328, 0.2326, 0.3251)
contains.

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Color

Yxy(72.3328, 0.2326, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	4DF3F6
RGB	77, 243, 246
RGB Percent	30%, 95%, 96%
CMY	0.6974, 0.0471, 0.0354
CMYK	0.69, 0.01, 0.00, 0.04
HSL	181°, 90%, 63%
HSV	181°, 69%, 96%
XYZ	51.7521, 72.3328, 98.4091
YIQ	193.7080, -99.8990, -34.2590

Conversions

Conversions Part 2

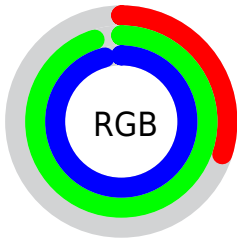
Format	Color
RYB	77, 161, 246
Decimal	5108726
CIELab	88.13, -40.54, -13.84
CIELCh	88, 42.838, 198.846
Yxy	72.3328, 0.2326, 0.3251
Android (android.graphics.Color)	4283298806 (0xFF4DF3F6)
YUV	193.7080, 25.7800, -102.3529
Hunter-Lab	85.0487, -40.2180, -9.0699

Details

The Yxy color **72.3328, 0.2326, 0.3251** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **25.8860, 0.5418, 0.3322**, and the grayscale version is **53.6815, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9430, 0.2549, 0.3288**, and **38.8355, 0.2229, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **71.2359, 0.2277, 0.3245**, and if you desaturate by 10%, it is **73.8226, 0.2394, 0.3257**.

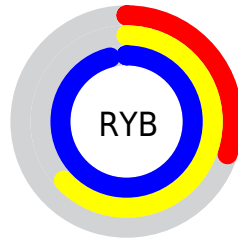
Distribution



Red (30%)

Green (95%)

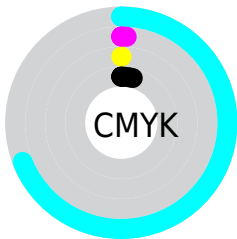
Blue (96%)



Red (30%)

Yellow (63%)

Blue (96%)

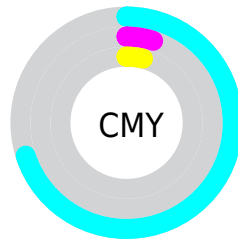


Cyan (69%)

Magenta (1%)

Yellow (0%)

Black (4%)



Cyan (70%)


Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3328, 0.2326, 0.3251 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 72.3328, 0.2326, 0.3251 by changing the saturation by 10% instead.

 72.3328, 0.2326,
0.3251


 72.3328, 0.2326,
0.3251

468.6991, 0.2686,
0.3280


 53.4306, 0.2247,
0.3242


 122.5296, 0.2449,
0.3263


 38.1466, 0.2150,
0.3229


 154.5929, 0.2497,
0.3268

 26.0965, 0.2031,
0.3210


 191.8121, 0.2539,
0.3271

 16.8958, 0.1880,
0.3183

 234.5715, 0.2576,
0.3274

 10.1603, 0.1683,
0.3140

283.2555, 0.2608,
0.3276

 5.5053, 0.1420,
0.3067

338.2485, 0.2637,

 2.5467, 0.1059,

0.3278

0.2930

399.9349, 0.2663,
0.3279

■ 0.9000, 0.0000,
0.2796

■ 0.0000, 0.0000,
0.0000

■ 72.3328, 0.2326,
0.3251

■ 72.3328, 0.2326,
0.3251

■ 71.2359, 0.2277,
0.3245

■ 73.8226, 0.2394,
0.3257

■ 70.4776, 0.2247,
0.3239

■ 75.7362, 0.2482,
0.3263

■ 69.9939, 0.2233,
0.3233


■ 78.1104, 0.2588,
0.3269


■ 69.9369, 0.2231,
0.3233

■ 80.9763, 0.2710,
0.3275

 84.3617, 0.2846,
0.3281

 88.2928, 0.2994,
0.3286

 92.7937, 0.3149,
0.3291

 94.1165, 0.3185,
0.3295

 94.3825, 0.3185,
0.3299

Harmonies

Analogous

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



72.3328, 0.2668, 0.3770



72.3328, 0.2326, 0.3251



72.3328, 0.2192, 0.2801

Triad

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



72.3328, 0.2326, 0.3251



72.3328, 0.3035, 0.2593



72.3328, 0.4027, 0.4011

Complementary

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



72.3328, 0.2326, 0.3251



25.8860, 0.5418, 0.3322

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.



72.3328, 0.4161, 0.3647



72.3328, 0.2326, 0.3251



72.3328, 0.3562, 0.2865

Square

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



72.3328, 0.2326, 0.3251



72.3328, 0.2573, 0.2471



72.3328, 0.3990, 0.3238



72.3328, 0.3650, 0.4219

Rectangle

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



72.3328, 0.2326, 0.3251



72.3328, 0.2225, 0.2601



72.3328, 0.3990, 0.3238



72.3328, 0.4104, 0.3900

Sweetspot

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



72.3355, 0.2326, 0.3251



90.6166, 0.2812, 0.3279



68.0650, 0.3015, 0.5477



19.1740, 0.2774, 0.3278



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.



72.3355, 0.2326, 0.3251



76.9792, 0.2265, 0.3243



32.9489, 0.2044, 0.2101



18.7045, 0.2981, 0.3285



37.3585, 0.2232, 0.3234



3.2992, 0.2234, 0.3241

Inverse Universe

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



31.3899, 0.3228, 0.1783



30.1900, 0.3242, 0.1640



46.8159, 0.4670, 0.4150



16.7629, 0.3141, 0.3061



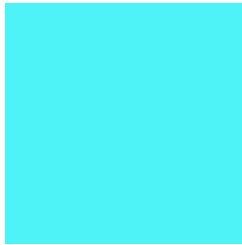
13.8707, 0.3254, 0.1566



1.2207, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 72.3328, 0.2326, 0.3251 looks on a white background.

Color Contrast Check

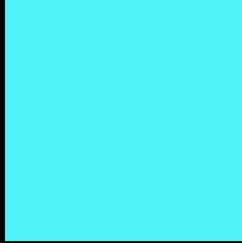
Large Text (above 18pt) WCAG AA × Fail

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 72.3328, 0.2326, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

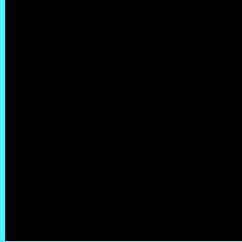
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3328, 0.2326, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 72.3328, 0.2326, 0.3251.

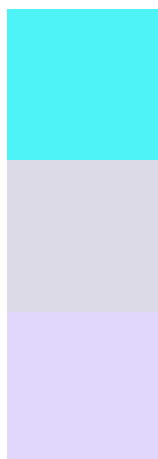


This preview shows how white text looks on a background with the Yxy color 72.3328, 0.2326, 0.3251.

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

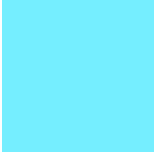
72.3328, 0.2326, 0.3251

Protanopia

71.0716, 0.3062, 0.3160

Deuteranopia

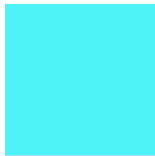
71.1290, 0.2957, 0.2894



Tritanopia

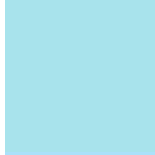
72.1510, 0.2395, 0.3087

Trichromacy



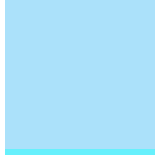
Original Color

72.3328, 0.2326, 0.3251



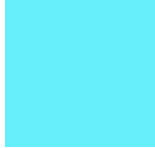
Protanomaly

69.3191, 0.2699, 0.3184



Deuteranomaly

69.4105, 0.2639, 0.3005



Tritanomaly

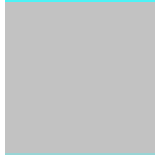
72.2320, 0.2365, 0.3144

Monochromacy



Original Color

72.3328, 0.2326, 0.3251



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

58.5665, 0.2713, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3328, 0.2326, 0.3251 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(77, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(77, 243, 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(77, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 243, 246) }
```

Border

The CSS property to change the border of an element to Yxy 72.3328, 0.2326, 0.3251 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(77, 243, 246) }
```

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

```
.border{ border-color:rgb(77, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(77, 243,  
246) }
```


Background

The CSS property to change the background color of an element to `rgb(72.3328, 0.2326, 0.3251)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 243, 246) }
```

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

```
.background{ background-color: rgb(77, 243,  
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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