

Converting Colors

$Y_{xy}(73.2192, 0.2443, 0.3319)$

Have a look what the booklet for
Yxy(73.2192, 0.2443, 0.3319)
contains.

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Color

Yxy(73.1105, 0.2442, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	6EF2F0
RGB	110, 242, 240
RGB Percent	43%, 95%, 94%
CMY	0.5689, 0.0509, 0.0587
CMYK	0.55, 0.00, 0.01, 0.05
HSL	179°, 84%, 69%
HSV	179°, 55%, 95%
XYZ	53.9057, 73.1105, 93.7280
YIQ	202.3040, -78.0300, -28.6060

Conversions

Conversions Part 2

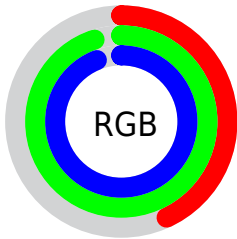
Format	Color
R _Y B	110, 177, 242
Decimal	7271152
CIE Lab	88.50, -36.56, -10.08
CIE LCh	89, 37.922, 195.416
Yxy	73.1105, 0.2442, 0.3312
Android (android.graphics.Color)	4285461232 (0xFF6EF2F0)
YUV	202.3040, 18.5841, -80.9506
Hunter-Lab	85.5047, -37.0993, -5.1389

Details

The Yxy color **73.1105, 0.2442, 0.3312** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **31.1816, 0.4737, 0.3274**, and the grayscale version is **59.1704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5107, 0.2662, 0.3289**, and **38.4987, 0.2288, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **71.7470, 0.2369, 0.3317**, and if you desaturate by 10%, it is **74.9034, 0.2534, 0.3307**.

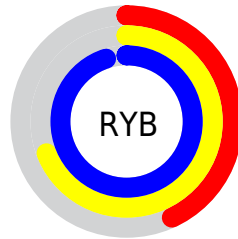
Distribution



Red (43%)

Green (95%)

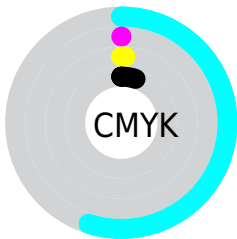
Blue (94%)



Red (43%)

Yellow (69%)

Blue (95%)

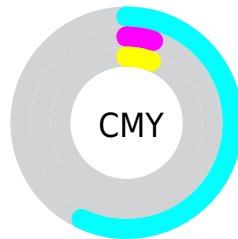


Cyan (55%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (57%)


Magenta (5%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1105, 0.2442, 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 73.1105, 0.2442, 0.3312 by changing the saturation by 10% instead.

 73.1105, 0.2442,
0.3312

 73.1105, 0.2442,
0.3312

471.3977, 0.2752,
0.3310

 54.0663, 0.2373,
0.3311


 123.6341, 0.2548,
0.3313

 38.6547, 0.2289,
0.3308


 155.8822, 0.2590,
0.3313

 26.4912, 0.2185,
0.3303


 193.3005, 0.2626,
0.3312

 17.1915, 0.2051,
0.3295

236.2734, 0.2657,
0.3312

 10.3711, 0.1876,
0.3278

285.1851, 0.2685,
0.3311

 5.6457, 0.1636,
0.3246

340.4201, 0.2710,

 2.6309, 0.1295,

0.3311

402.3629, 0.2732,
0.3310

0.3175

0.9422, 0.0007,
0.3256

0.0000, 0.0000,
0.0000

73.1105, 0.2442,
0.3312

73.1105, 0.2442,
0.3312

71.7470, 0.2369,
0.3317

74.9034, 0.2534,
0.3307

70.7689, 0.2316,
0.3322

77.1486, 0.2644,
0.3303


70.1380, 0.2281,
0.3326

79.8774, 0.2770,
0.3299


69.8038, 0.2264,
0.3331

83.1160, 0.2908,
0.3295


 69.7057, 0.2259,
0.3334

 86.8886, 0.3057,
0.3292

 91.1938, 0.3211,
0.3288

 91.2157, 0.3209,
0.3285

 91.2377, 0.3207,
0.3281

 91.2596, 0.3204,
0.3278

Harmonies

Analogous

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



73.1105, 0.2768, 0.3758



73.1105, 0.2442, 0.3312



73.1105, 0.2297, 0.2901

Triad

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



73.1105, 0.2442, 0.3312



73.1105, 0.2996, 0.2647



73.1105, 0.3951, 0.3903

Complementary

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



73.1105, 0.2442, 0.3312



31.1816, 0.4737, 0.3274

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.



73.1105, 0.4035, 0.3574



73.1105, 0.2442, 0.3312



73.1105, 0.3461, 0.2879

Square

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



73.1105, 0.2442, 0.3312



73.1105, 0.2597, 0.2557



73.1105, 0.3853, 0.3208



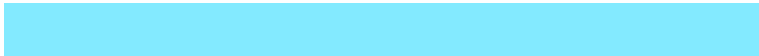
73.1105, 0.3640, 0.4099

Rectangle

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



73.1105, 0.2442, 0.3312



73.1105, 0.2311, 0.2706



73.1105, 0.3853, 0.3208



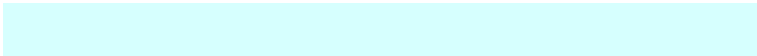
73.1105, 0.4008, 0.3803

Sweetspot

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



73.1133, 0.2442, 0.3312



93.0268, 0.2887, 0.3296



68.0874, 0.3055, 0.5042



19.7439, 0.2858, 0.3296



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.



73.1133, 0.2442, 0.3312



80.7169, 0.2365, 0.3317



41.6287, 0.2258, 0.2448



17.9246, 0.2983, 0.3293



37.4447, 0.2259, 0.3333



3.1164, 0.2257, 0.3327

Inverse Universe

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



31.1816, 0.4737, 0.3274



29.2146, 0.5241, 0.3275



50.1842, 0.4319, 0.3975



15.7627, 0.3291, 0.3287



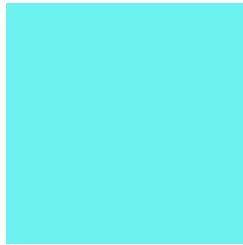
10.1471, 0.6385, 0.3291



0.8455, 0.6342, 0.3268

Previews

White Background



This preview shows how the Yxy color 73.1105, 0.2442, 0.3312 looks on a white background.

Color Contrast Check

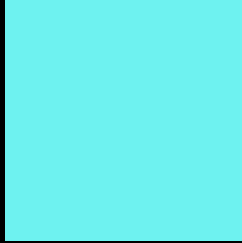
Large Text (above 18pt) WCAG AA × Fail

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 73.1105, 0.2442, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

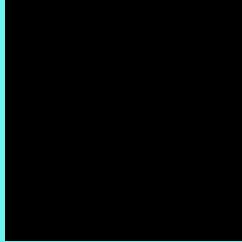
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

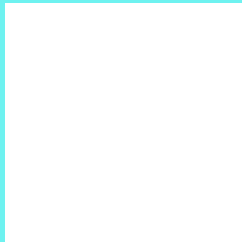
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.1105, 0.2442, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 73.1105, 0.2442, 0.3312.

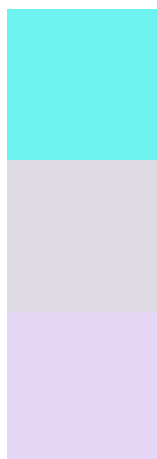


This preview shows how white text looks on a background with the Yxy color 73.1105, 0.2442, 0.3312.

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

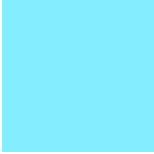
73.1105, 0.2442, 0.3312

Protanopia

71.8420, 0.3109, 0.3215

Deuteranopia

72.0777, 0.3029, 0.2968



Tritanopia

72.6939, 0.2450, 0.3079

Trichromacy



Original Color

73.1105, 0.2442, 0.3312



Protanomaly

70.6528, 0.2809, 0.3243



Deuteranomaly

70.8212, 0.2758, 0.3076



Tritanomaly

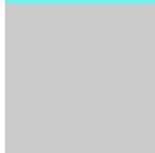
72.9202, 0.2444, 0.3158

Monochromacy



Original Color

73.1105, 0.2442, 0.3312



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

63.0186, 0.2806, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1105, 0.2442, 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(110, 242, 240)` looks like.

```
.text, #text, p{  
    color:rgb(110, 242, 240)  
}
```

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(110, 242, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 242, 240) }
```

Border

The CSS property to change the border of an element to Yxy 73.1105, 0.2442, 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(110, 242, 240) }
```

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

```
.border{ border-color:rgb(110, 242, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 242, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 242, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 242, 240);  
box-shadow:4px 4px 4px 4px rgb(110, 242,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1105, 0.2442, 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(110, 242, 240) }
```

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

```
.background{ background-color: rgb(110,  
242, 240) }
```

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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