

Converting Colors

$Yxy(73.0701, 0.2388, 0.3310)$

Have a look what the booklet for
Yxy(73.0701, 0.2388, 0.3310)
contains.

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Color

Yxy(72.8917, 0.2386, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	5EF3F2
RGB	94, 243, 242
RGB Percent	37%, 95%, 95%
CMY	0.6308, 0.0471, 0.0510
CMYK	0.61, 0.00, 0.00, 0.05
HSL	180°, 86%, 66%
HSV	180°, 61%, 95%
XYZ	52.7029, 72.8917, 95.2893
YIQ	198.3350, -88.4830, -31.8990

Conversions

Conversions Part 2

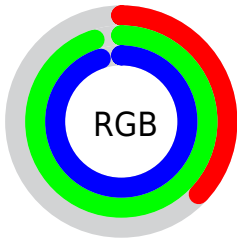
Format	Color
R _Y B	94, 169, 243
Decimal	6222834
CIE Lab	88.40, -39.21, -11.31
CIE LCh	88, 40.809, 196.092
Yxy	72.8917, 0.2386, 0.3300
Android (android.graphics.Color)	4284412914 (0xFF5EF3F2)
YUV	198.3350, 21.5268, -91.5018
Hunter-Lab	85.3766, -39.2213, -6.4102

Details

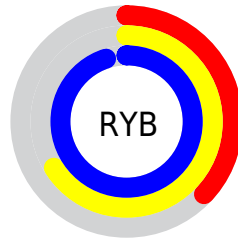
The Yxy color **72.8917, 0.2386, 0.3300** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **27.9130, 0.5068, 0.3286**, and the grayscale version is **56.6168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1109, 0.2601, 0.3288**, and **38.6630, 0.2247, 0.3287** is the 20% darker color. If you saturate the color by 10%, you get **71.7937, 0.2326, 0.3302**, and if you desaturate by 10%, it is **74.3996, 0.2466, 0.3298**.

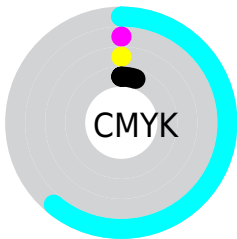
Distribution



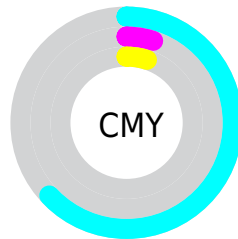
- Red (37%)
- Green (95%)
- Blue (95%)



- Red (37%)
- Yellow (66%)
- Blue (95%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)




- Cyan (63%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.8917, 0.2386, 0.3300 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 72.8917, 0.2386, 0.3300 by changing the saturation by 10% instead.


 72.8917, 0.2386,
0.3300

 72.8917, 0.2386,
0.3300


470.6394, 0.2720,
0.3305

 53.8874, 0.2312,
0.3297


 123.3235, 0.2500,
0.3303

 38.5117, 0.2222,
0.3292


 155.5197, 0.2545,
0.3304

 26.3800, 0.2110,
0.3283


 192.8821, 0.2584,
0.3305

 17.1082, 0.1968,
0.3270

235.7949, 0.2618,
0.3305

 10.3116, 0.1782,
0.3246

284.6427, 0.2648,
0.3305

 5.6061, 0.1529,
0.3201

339.8098, 0.2675,

 2.6071, 0.1176,

0.3305

401.6805, 0.2699,
0.3305

0.3109

0.9302, 0.0000,
0.3101

0.0000, 0.0000,
0.0000

72.8917, 0.2386,
0.3300

72.8917, 0.2386,
0.3300

71.7937, 0.2326,
0.3302

74.3996, 0.2466,
0.3298

71.0580, 0.2285,
0.3304

76.3434, 0.2565,
0.3296

70.6400, 0.2261,
0.3306


78.7566, 0.2681,
0.3294

70.4693, 0.2252,
0.3308


81.6670, 0.2812,
0.3293

 85.1004, 0.2955,
0.3291

 89.0807, 0.3108,
0.3290

 91.8361, 0.3205,
0.3289

 91.8460, 0.3204,
0.3287

 91.8559, 0.3203,
0.3286

Harmonies

Analogous

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



72.8917, 0.2729, 0.3786



72.8917, 0.2386, 0.3300



72.8917, 0.2237, 0.2860

Triad

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



72.8917, 0.2386, 0.3300



72.8917, 0.2995, 0.2606



72.8917, 0.4007, 0.3952

Complementary

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



72.8917, 0.2386, 0.3300



27.9130, 0.5068, 0.3286

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.



72.8917, 0.4107, 0.3598



72.8917, 0.2386, 0.3300



72.8917, 0.3497, 0.2856

Square

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



72.8917, 0.2386, 0.3300



72.8917, 0.2566, 0.2506



72.8917, 0.3917, 0.3208



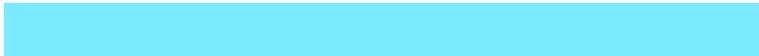
72.8917, 0.3667, 0.4164

Rectangle

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



72.8917, 0.2386, 0.3300



72.8917, 0.2256, 0.2656



72.8917, 0.3917, 0.3208



72.8917, 0.4071, 0.3844

Sweetspot

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



72.8945, 0.2386, 0.3300



92.2901, 0.2857, 0.3292



67.4283, 0.3045, 0.5269



19.5267, 0.2816, 0.3293



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.



72.8945, 0.2386, 0.3300



79.8273, 0.2312, 0.3303



38.0019, 0.2162, 0.2322



18.7558, 0.2982, 0.3291



38.6796, 0.2252, 0.3308



3.4002, 0.2251, 0.3305

Inverse Universe

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



27.9130, 0.5068, 0.3286



25.6037, 0.5682, 0.3289



47.1681, 0.4508, 0.4040



16.4843, 0.3293, 0.3289



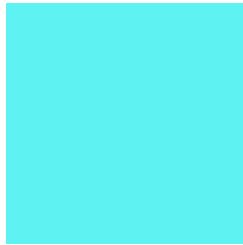
10.4606, 0.6394, 0.3296



0.9200, 0.6376, 0.3286

Previews

White Background



This preview shows how the Yxy color 72.8917, 0.2386, 0.3300 looks on a white background.

Color Contrast Check

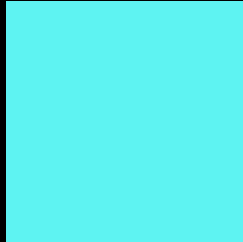
Large Text (above 18pt) WCAG AA × Fail

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 72.8917, 0.2386, 0.3300 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 72.8917, 0.2386, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 72.8917, 0.2386, 0.3300.

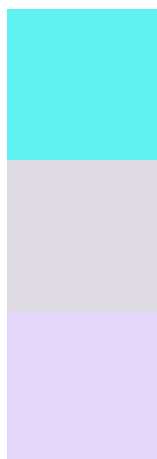


This preview shows how white text looks on a background with the Yxy color 72.8917, 0.2386, 0.3300.

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

72.8917, 0.2386, 0.3300

Protanopia

71.7387, 0.3096, 0.3204

Deuteranopia

71.3644, 0.3002, 0.2936



Tritanopia

72.8047, 0.2428, 0.3089

Trichromacy



Original Color

72.8917, 0.2386, 0.3300



Protanomaly

70.5431, 0.2768, 0.3243



Deuteranomaly

70.0880, 0.2706, 0.3052



Tritanomaly

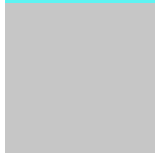
72.7997, 0.2410, 0.3169

Monochromacy



Original Color

72.8917, 0.2386, 0.3300



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

60.4218, 0.2759, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8917, 0.2386, 0.3300 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(94, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(94, 243, 242)  
}
```

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(94, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 243, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.8917, 0.2386, 0.3300 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(94, 243, 242) }
```

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

```
.border{ border-color:rgb(94, 243, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 243, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(94, 243,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8917, 0.2386, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 243, 242) }
```

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

```
.background{ background-color: rgb(94, 243,  
242) }
```

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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