

Converting Colors

$Y_{xy}(72.2279, 0.2376, 0.3285)$

Have a look what the booklet for
Yxy(72.2279, 0.2376, 0.3285)
contains.

Yxy(72.1904, 0.2377, 0.3288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(72.1904, 0.2377, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	5CF2F2
RGB	92, 242, 242
RGB Percent	36%, 95%, 95%
CMY	0.6393, 0.0509, 0.0510
CMYK	0.62, 0.00, 0.00, 0.05
HSL	180°, 85%, 65%
HSV	180°, 62%, 95%
XYZ	52.1887, 72.1904, 95.1780
YIQ	197.1500, -89.4000, -31.8000

Conversions

Conversions Part 2

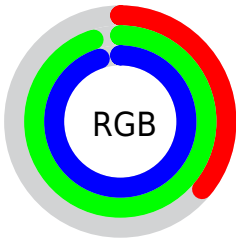
Format	Color
R_{YB}	92, 167, 242
Decimal	6091506
CIE _{Lab}	88.06, -39.10, -11.82
CIE _{LCh}	88, 40.848, 196.814
Yxy	72.1904, 0.2377, 0.3288
Android (android.graphics.Color)	4284281586 (0xFF5CF2F2)
YUV	197.1500, 22.1110, -92.2166
Hunter-Lab	84.9649, -39.0470, -6.9414

Details

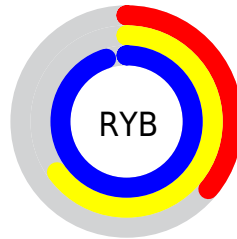
The Yxy color **72.1904, 0.2377, 0.3288** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **27.3010, 0.5116, 0.3296**, and the grayscale version is **55.8313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0091, 0.2596, 0.3288**, and **38.2431, 0.2242, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **71.1398, 0.2318, 0.3288**, and if you desaturate by 10%, it is **73.6443, 0.2456, 0.3288**.

Distribution



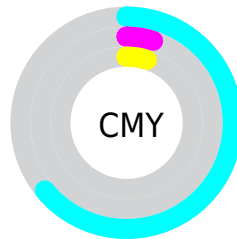
- Red (36%)
- Green (95%)
- Blue (95%)



- Red (36%)
- Yellow (65%)
- Blue (95%)



- Cyan (62%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (64%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1904, 0.2377, 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 72.1904, 0.2377, 0.3288 by changing the saturation by 10% instead.


 72.1904, 0.2377,
0.3288


 72.1904, 0.2377,
0.3288

468.2040, 0.2716,
0.3299

 53.3142, 0.2302,
0.3283


 122.3272, 0.2493,
0.3294


 38.0537, 0.2211,
0.3276


 154.3566, 0.2538,
0.3295

 26.0244, 0.2097,
0.3266


 191.5392, 0.2578,
0.3296

 16.8419, 0.1953,
0.3249

 234.2594, 0.2612,
0.3297

 10.1218, 0.1764,
0.3220

282.9016, 0.2643,
0.3298

 5.4798, 0.1508,
0.3169

337.8502, 0.2670,

 2.5314, 0.1150,

0.3298

0.3065

399.4895, 0.2694,
0.3298

0.8923, 0.0000,
0.3022

0.0000, 0.0000,
0.0000

72.1904, 0.2377,
0.3288

72.1904, 0.2377,
0.3288

71.1398, 0.2318,
0.3288

73.6443, 0.2456,
0.3288

70.4449, 0.2278,
0.3288


75.5277, 0.2554,
0.3288


70.0608, 0.2255,
0.3288


77.8737, 0.2670,
0.3289


69.9185, 0.2247,
0.3288


80.7102, 0.2800,
0.3289

 84.0629, 0.2943,
0.3290

 87.9556, 0.3096,
0.3290

 91.1805, 0.3212,
0.3290

 91.1806, 0.3212,
0.3290

 91.1808, 0.3212,
0.3290

Harmonies

Analogous

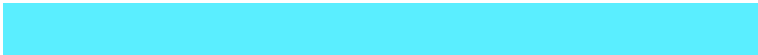
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.1904, 0.2718, 0.3778



72.1904, 0.2377, 0.3288



72.1904, 0.2233, 0.2849

Triad

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



72.1904, 0.2377, 0.3288



72.1904, 0.3007, 0.2608



72.1904, 0.4005, 0.3961

Complementary

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



72.1904, 0.2377, 0.3288



27.3010, 0.5116, 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.



72.1904, 0.4112, 0.3609



72.1904, 0.2377, 0.3288



72.1904, 0.3510, 0.2862

Square

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



72.1904, 0.2377, 0.3288



72.1904, 0.2572, 0.2503



72.1904, 0.3929, 0.3217



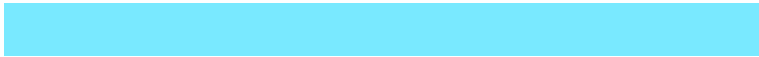
72.1904, 0.3658, 0.4170

Rectangle

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



72.1904, 0.2377, 0.3288



72.1904, 0.2255, 0.2647



72.1904, 0.3929, 0.3217



72.1904, 0.4071, 0.3854

Sweetspot

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



72.1931, 0.2377, 0.3288



91.9403, 0.2841, 0.3289



66.6861, 0.3044, 0.5292



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.



72.1931, 0.2377, 0.3288



79.9072, 0.2307, 0.3288



37.2444, 0.2152, 0.2309



17.9290, 0.2981, 0.3290



37.5580, 0.2247, 0.3288



3.1245, 0.2247, 0.3288

Inverse Universe

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



27.3010, 0.5116, 0.3296



25.5888, 0.5696, 0.3297



46.3777, 0.4529, 0.4046



15.7589, 0.3293, 0.3290



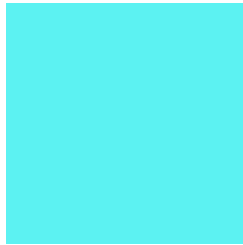
10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 72.1904, 0.2377, 0.3288 looks on a white background.

Color Contrast Check

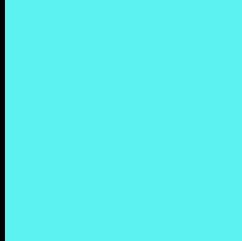
Large Text (above 18pt) WCAG AA × Fail

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 72.1904, 0.2377, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

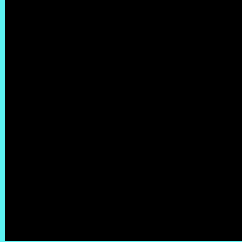
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1904, 0.2377, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 72.1904, 0.2377, 0.3288.

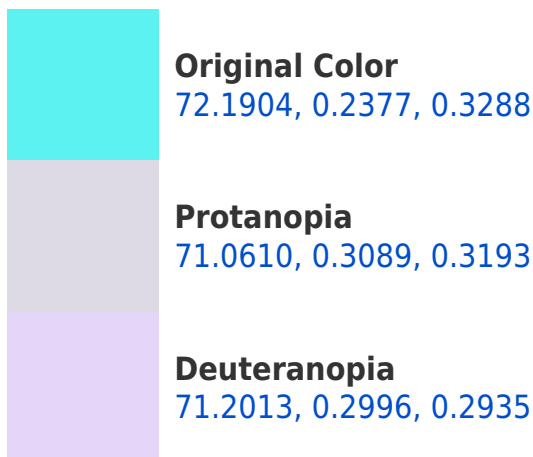


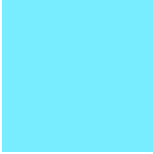
This preview shows how white text looks on a background with the Yxy color 72.1904, 0.2377, 0.3288.

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





Tritanopia

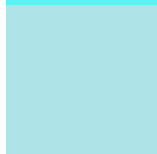
71.7814, 0.2403, 0.3076

Trichromacy



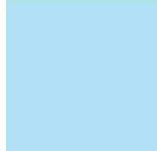
Original Color

72.1904, 0.2377, 0.3288



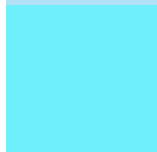
Protanomaly

69.7630, 0.2755, 0.3231



Deuteranomaly

69.4301, 0.2699, 0.3040



Tritanomaly

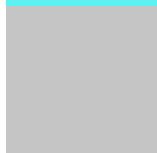
71.9501, 0.2393, 0.3156

Monochromacy



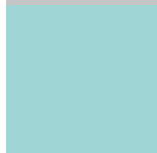
Original Color

72.1904, 0.2377, 0.3288



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

59.7635, 0.2757, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1904, 0.2377, 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(92, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(92, 242, 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(92, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 242, 242) }
```

Border

The CSS property to change the border of an element to Yxy 72.1904, 0.2377, 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(92, 242, 242) }
```

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

```
.border{ border-color:rgb(92, 242, 242) }
```

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

Here you see how a box with a 4 pixel rgb(92, 242, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(92, 242,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1904, 0.2377, 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(92, 242, 242) }
```

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

```
.background{ background-color: rgb(92, 242,  
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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