

Converting Colors

$Y_{xy}(74.7487, 0.2317, 0.3289)$

Have a look what the booklet for
Yxy(74.7487, 0.2317, 0.3289)
contains.

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Color

Yxy(74.5021, 0.2317, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	45F7F7
RGB	69, 247, 247
RGB Percent	27%, 97%, 97%
CMY	0.7293, 0.0313, 0.0315
CMYK	0.72, 0.00, 0.00, 0.03
HSL	180°, 92%, 62%
HSV	180°, 72%, 97%
XYZ	52.5004, 74.5021, 99.5854
YIQ	193.7780, -106.0880, -37.7360

Conversions

Conversions Part 2

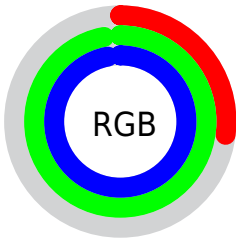
Format	Color
R _{YB}	69, 158, 247
Decimal	4585463
CIE _{Lab}	89.16, -43.03, -12.83
CIE _{LCh}	89, 44.898, 196.602
Y _{xy}	74.5021, 0.2317, 0.3288
Android (android.graphics.Color)	4282775543 (0xFF45F7F7)
YUV	193.7780, 26.2384, -109.4303
Hunter-Lab	86.3146, -42.4788, -7.9856

Details

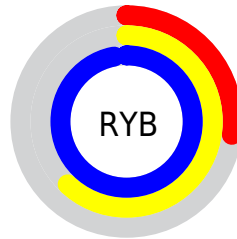
The Yxy color **74.5021, 0.2317, 0.3288** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **24.4646, 0.5602, 0.3297**, and the grayscale version is **53.7038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5796, 0.2532, 0.3288**, and **40.5885, 0.2242, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **73.7812, 0.2277, 0.3288**, and if you desaturate by 10%, it is **75.6042, 0.2376, 0.3288**.

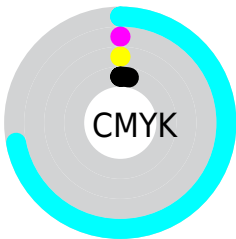
Distribution



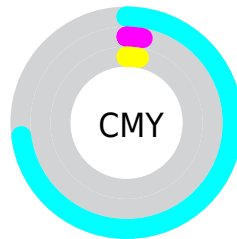
- Red (27%)
- Green (97%)
- Blue (97%)



- Red (27%)
- Yellow (62%)
- Blue (97%)



- Cyan (72%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)





- Cyan (73%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5021, 0.2317, 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 74.5021, 0.2317, 0.3288 by changing the saturation by 10% instead.


 74.5021, 0.2317,
0.3288


 74.5021, 0.2317,
0.3288


476.2045, 0.2680,
0.3300


 55.2051, 0.2238,
0.3283


 125.6073, 0.2440,
0.3294


 39.5659, 0.2141,
0.3275


 158.1843, 0.2489,
0.3296

 27.2003, 0.2022,
0.3263

 195.9567, 0.2531,
0.3298

 17.7237, 0.1872,
0.3243

 239.3090, 0.2568,
0.3299

 10.7518, 0.1677,
0.3212

288.6255, 0.2601,
0.3299

 5.9002, 0.1417,
0.3155

344.2907, 0.2630,

 2.7845, 0.1062,

0.3300

406.6889, 0.2656,
0.3300

0.3044

1.0203, 0.0000,
0.2969

0.0000, 0.0000,
0.0000

74.5021, 0.2317,
0.3288

74.5021, 0.2317,
0.3288

73.7812, 0.2277,
0.3288

75.6042, 0.2376,
0.3288


73.3831, 0.2255,
0.3288

77.1207, 0.2455,
0.3288


73.2381, 0.2247,
0.3288

79.0904, 0.2553,
0.3289


81.5456, 0.2668,
0.3289

 84.5155, 0.2799,
0.3289

 88.0269, 0.2942,
0.3290

 92.1051, 0.3095,
0.3290

 94.5012, 0.3178,
0.3290

 94.5015, 0.3178,
0.3290

Harmonies

Analogous

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



74.5021, 0.2684, 0.3827



74.5021, 0.2317, 0.3288



74.5021, 0.2162, 0.2811

Triad

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



74.5021, 0.2317, 0.3288



74.5021, 0.2990, 0.2554



74.5021, 0.4080, 0.4010

Complementary

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



74.5021, 0.2317, 0.3288



24.4646, 0.5602, 0.3297

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.



74.5021, 0.4198, 0.3625



74.5021, 0.2317, 0.3288



74.5021, 0.3538, 0.2825

Square

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



74.5021, 0.2317, 0.3288



74.5021, 0.2523, 0.2441



74.5021, 0.3997, 0.3204



74.5021, 0.3703, 0.4246

Rectangle

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



74.5021, 0.2317, 0.3288



74.5021, 0.2186, 0.2594



74.5021, 0.3997, 0.3204



74.5021, 0.4153, 0.3892

Sweetspot

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



74.5049, 0.2317, 0.3288



90.8678, 0.2799, 0.3289



68.3324, 0.3028, 0.5591



19.2517, 0.2762, 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.



74.5049, 0.2317, 0.3288



79.1070, 0.2266, 0.3288



33.4647, 0.2022, 0.2115



18.7578, 0.2981, 0.3290



38.7311, 0.2247, 0.3288



3.4041, 0.2247, 0.3288

Inverse Universe

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



24.4646, 0.5602, 0.3297



22.6295, 0.6148, 0.3299



43.6638, 0.4818, 0.4112



16.4826, 0.3294, 0.3290



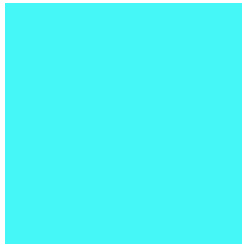
10.4580, 0.6401, 0.3300



0.9192, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 74.5021, 0.2317, 0.3288 looks on a white background.

Color Contrast Check

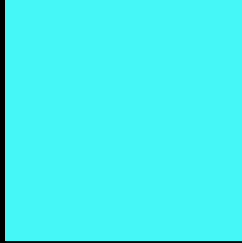
Large Text (above 18pt) WCAG AA × Fail

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 74.5021, 0.2317, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

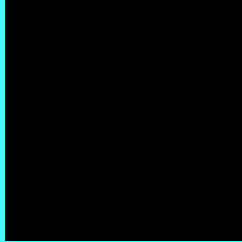
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5021, 0.2317, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 74.5021, 0.2317, 0.3288.



This preview shows how white text looks on a background with the Yxy color 74.5021, 0.2317, 0.3288.

Color Blindness Simulation

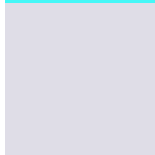
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.5021, 0.2317, 0.3288



Protanopia

73.1704, 0.3076, 0.3183



Deuteranopia

72.9255, 0.2971, 0.2899



Tritanopia

73.8585, 0.2454, 0.3102

Trichromacy



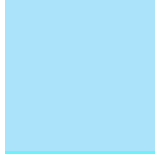
Original Color

74.5021, 0.2317, 0.3288



Protanomaly

70.9235, 0.2692, 0.3208



Deuteranomaly

70.5611, 0.2637, 0.3017



Tritanomaly

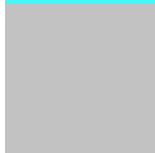
73.7837, 0.2389, 0.3169

Monochromacy



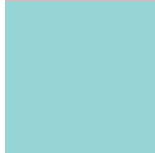
Original Color

74.5021, 0.2317, 0.3288



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

58.7822, 0.2697, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5021, 0.2317, 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(69, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(69, 247, 247)  
}
```

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(69, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 247, 247) }
```

Border

The CSS property to change the border of an element to Yxy 74.5021, 0.2317, 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(69, 247, 247) }
```

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

```
.border{ border-color:rgb(69, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(69, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(69, 247,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5021, 0.2317, 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(69, 247, 247) }
```

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

```
.background{ background-color: rgb(69, 247,  
247) }
```

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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