

Converting Colors

$Yxy(74.0843, 0.2494, 0.3263)$

Have a look what the booklet for
Yxy(74.0843, 0.2494, 0.3263)
contains.

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Color

Yxy(73.9709, 0.2495, 0.3264)

Conversions

Conversions Part 1

Format	Color
Hex	80F1F3
RGB	128, 241, 243
RGB Percent	50%, 95%, 95%
CMY	0.4978, 0.0549, 0.0470
CMYK	0.47, 0.01, 0.00, 0.05
HSL	181°, 83%, 73%
HSV	181°, 47%, 95%
XYZ	56.5433, 73.9709, 96.1123
YIQ	207.4410, -67.9900, -23.3340

Conversions

Conversions Part 2

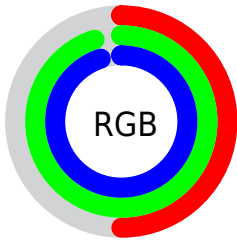
Format	Color
R_{YB}	128, 185, 243
Decimal	8450547
CIE _{Lab}	88.91, -31.68, -10.98
CIE _{LCh}	89, 33.523, 199.113
Yxy	73.9709, 0.2495, 0.3264
Android (android.graphics.Color)	4286640627 (0xFF80F1F3)
YUV	207.4410, 17.5306, -69.6698
Hunter-Lab	86.0063, -33.1595, -6.0523

Details

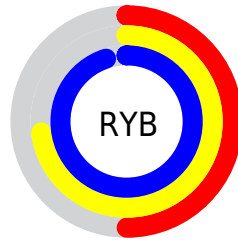
The Yxy color **73.9709, 0.2495, 0.3264** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **36.6069, 0.4426, 0.3316**, and the grayscale version is **62.6237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3048, 0.2736, 0.3289**, and **39.4096, 0.2355, 0.3256** is the 20% darker color. If you saturate the color by 10%, you get **72.0546, 0.2405, 0.3258**, and if you desaturate by 10%, it is **76.3448, 0.2603, 0.3270**.

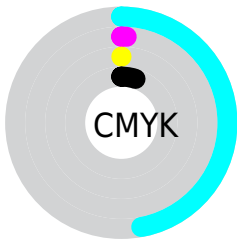
Distribution



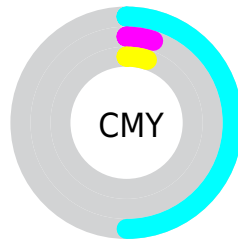
- Red (50%)
- Green (95%)
- Blue (95%)



- Red (50%)
- Yellow (73%)
- Blue (95%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)




- Cyan (50%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9709, 0.2495, 0.3264 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 73.9709, 0.2495, 0.3264 by changing the saturation by 10% instead.


 73.9709, 0.2495,
0.3264

 73.9709, 0.2495,
0.3264


474.3729, 0.2781,
0.3283


 54.7702, 0.2432,
0.3258

 124.8546, 0.2593,
0.3272

 39.2178, 0.2354,
0.3250

 157.3063, 0.2631,
0.3275

 26.9292, 0.2258,
0.3238


 194.9439, 0.2664,
0.3277

 17.5200, 0.2135,
0.3221

238.1517, 0.2693,
0.3278

 10.6060, 0.1973,
0.3194

287.3141, 0.2719,
0.3280

 5.8025, 0.1750,
0.3148

342.8155, 0.2742,

 2.7254, 0.1431,

0.3281

0.3060

405.0403, 0.2762,
0.3282

■ 0.9901, 0.0499,
0.3011

■ 0.0000, 0.0000,
0.0000

■ 73.9709, 0.2495,
0.3264

■ 73.9709, 0.2495,
0.3264

■ 72.0546, 0.2405,
0.3258

■ 76.3448, 0.2603,
0.3270

■ 70.5546, 0.2334,
0.3252


■ 79.1973, 0.2728,
0.3276

■ 69.4366, 0.2283,
0.3246


■ 82.5581, 0.2865,
0.3281

■ 68.6570, 0.2251,
0.3240


■ 86.4524, 0.3014,
0.3286


 68.1587, 0.2234,
0.3234


 90.9034, 0.3170,
0.3291

 68.0490, 0.2231,
0.3233

 92.1773, 0.3205,
0.3296

 92.4355, 0.3205,
0.3300

 92.6943, 0.3204,
0.3304

 92.9538, 0.3204,
0.3308

Harmonies

Analogous

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



73.9709, 0.2769, 0.3655



73.9709, 0.2495, 0.3264



73.9709, 0.2385, 0.2913

Triad

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



73.9709, 0.2495, 0.3264



73.9709, 0.3063, 0.2736



73.9709, 0.3831, 0.3866

Complementary

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



73.9709, 0.2495, 0.3264



36.6069, 0.4426, 0.3316

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.



73.9709, 0.3930, 0.3587



73.9709, 0.2495, 0.3264



73.9709, 0.3471, 0.2958

Square

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



73.9709, 0.2495, 0.3264



73.9709, 0.2696, 0.2640



73.9709, 0.3797, 0.3261



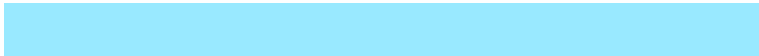
73.9709, 0.3540, 0.4010

Rectangle

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



73.9709, 0.2495, 0.3264



73.9709, 0.2413, 0.2751



73.9709, 0.3797, 0.3261



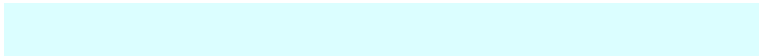
73.9709, 0.3888, 0.3783

Sweetspot

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



73.9738, 0.2495, 0.3264



93.4447, 0.2913, 0.3283



70.3217, 0.3048, 0.4763



19.8078, 0.2881, 0.3282



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.



73.9738, 0.2495, 0.3264



80.4043, 0.2406, 0.3258



45.1904, 0.2359, 0.2529



18.7046, 0.2981, 0.3285



37.3607, 0.2232, 0.3234



3.2994, 0.2234, 0.3241

Inverse Universe

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



40.8618, 0.3199, 0.2158



39.3921, 0.3213, 0.1965



56.3537, 0.4099, 0.3932



16.7630, 0.3141, 0.3061



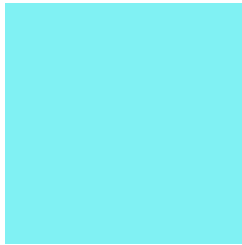
13.8710, 0.3254, 0.1566



1.2207, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 73.9709, 0.2495, 0.3264 looks on a white background.

Color Contrast Check

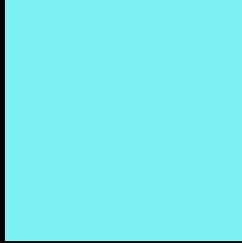
Large Text (above 18pt) WCAG AA × Fail

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 73.9709, 0.2495, 0.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

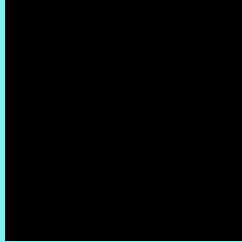
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9709, 0.2495, 0.3264

Background



This preview shows how black text looks on a background with the Yxy color 73.9709, 0.2495, 0.3264.

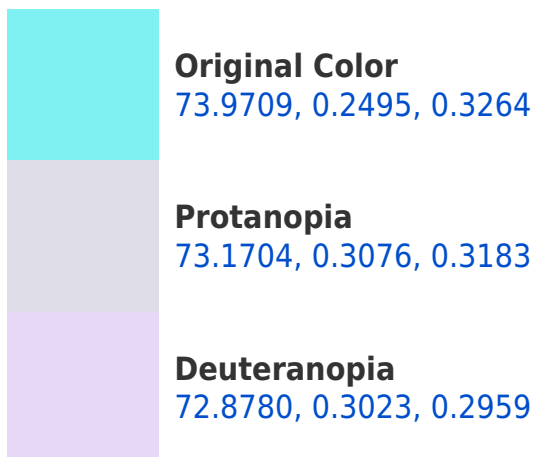


This preview shows how white text looks on a background with the Yxy color 73.9709, 0.2495, 0.3264.

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

73.7177, 0.2501, 0.3081

Trichromacy



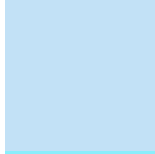
Original Color

73.9709, 0.2495, 0.3264



Protanomaly

72.1763, 0.2823, 0.3210



Deuteranomaly

71.9736, 0.2796, 0.3058



Tritanomaly

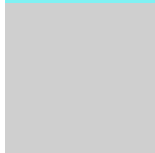
73.5174, 0.2495, 0.3137

Monochromacy



Original Color

73.9709, 0.2495, 0.3264



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.2953, 0.2841, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9709, 0.2495, 0.3264 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(128, 241, 243)` looks like.

```
.text, #text, p{  
    color:rgb(128, 241, 243)  
}
```

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(128, 241, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 241, 243) }
```

Border

The CSS property to change the border of an element to Yxy 73.9709, 0.2495, 0.3264 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(128, 241, 243) }
```

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

```
.border{ border-color:rgb(128, 241, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 241, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 241, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 241, 243);  
box-shadow:4px 4px 4px 4px rgb(128, 241,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9709, 0.2495, 0.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 241, 243) }
```

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

```
.background{ background-color: rgb(128,  
241, 243) }
```

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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