

Converting Colors

$Y_{xy}(73.0660, 0.2548, 0.3197)$

Have a look what the booklet for
Yxy(73.0660, 0.2548, 0.3197)
contains.

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Color

Yxy(73.0902, 0.2547, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	90EDF5
RGB	144, 237, 245
RGB Percent	56%, 93%, 96%
CMY	0.4352, 0.0706, 0.0393
CMYK	0.41, 0.03, 0.00, 0.04
HSL	185°, 83%, 76%
HSV	185°, 41%, 96%
XYZ	58.2663, 73.0902, 97.4078
YIQ	210.1050, -57.9960, -17.2280

Conversions

Conversions Part 2

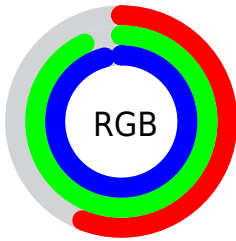
Format	Color
R_{YB}	144, 192, 245
Decimal	9498101
CIE _{Lab}	88.49, -25.64, -12.56
CIE _{LCh}	88, 28.553, 206.086
Yxy	73.0902, 0.2547, 0.3195
Android (android.graphics.Color)	4287688181 (0xFF90EDF5)
YUV	210.1050, 17.2032, -57.9741
Hunter-Lab	85.4928, -27.9586, -7.7082

Details

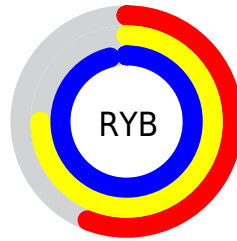
The Yxy color **73.0902, 0.2547, 0.3195** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.8778, 0.4153, 0.3380**, and the grayscale version is **64.4378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **38.7003, 0.2416, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **70.0060, 0.2439, 0.3169**, and if you desaturate by 10%, it is **76.6708, 0.2671, 0.3220**.

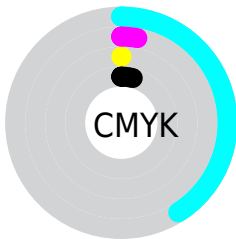
Distribution



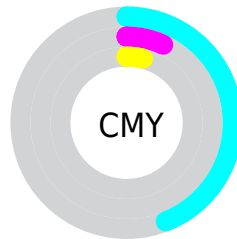
- Red (56%)
- Green (93%)
- Blue (96%)



- Red (56%)
- Yellow (75%)
- Blue (96%)



- Cyan (41%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)





- Cyan (44%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0902, 0.2547, 0.3195 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 73.0902, 0.2547, 0.3195 by changing the saturation by 10% instead.

 73.0902, 0.2547,
0.3195


 73.0902, 0.2547,
0.3195


471.3274, 0.2810,
0.3245

 54.0497, 0.2488,
0.3182


 123.6053, 0.2637,
0.3213

 38.6414, 0.2417,
0.3166

 155.8486, 0.2672,
0.3220

 26.4809, 0.2328,
0.3144


193.2617, 0.2703,
0.3226

 17.1837, 0.2213,
0.3113

236.2290, 0.2730,
0.3231

 10.3656, 0.2062,
0.3069

285.1348, 0.2753,
0.3235

 5.6420, 0.1853,
0.3000

340.3635, 0.2774,

 2.6286, 0.1551,

0.3239

0.2879

402.2996, 0.2793,
0.3242

0.9411, 0.0776,
0.2731

0.0000, 0.0000,
0.0000

73.0902, 0.2547,
0.3195

73.0902, 0.2547,
0.3195

70.0060, 0.2439,
0.3169

76.6708, 0.2671,
0.3220

67.3784, 0.2349,
0.3142

80.7677, 0.2808,
0.3244

65.1752, 0.2278,
0.3114

85.4101, 0.2954,
0.3267

63.3561, 0.2226,
0.3087

90.6224, 0.3108,
0.3288

■ 61.8730, 0.2194,
0.3060

■ 94.1795, 0.3191,
0.3307

■ 60.7802, 0.2177,
0.3037

■ 95.3677, 0.3190,
0.3325

■ 96.5681, 0.3188,
0.3344

■ 97.7810, 0.3187,
0.3362

■ 99.0062, 0.3186,
0.3381

Harmonies

Analogous

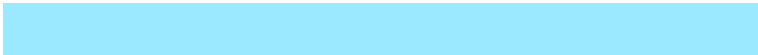
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.0902, 0.2756, 0.3527



73.0902, 0.2547, 0.3195



73.0902, 0.2487, 0.2915

Triad

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



73.0902, 0.2547, 0.3195



73.0902, 0.3156, 0.2847



73.0902, 0.3686, 0.3828

Complementary

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



73.0902, 0.2547, 0.3195



43.8778, 0.4153, 0.3380

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.



73.0902, 0.3811, 0.3612



73.0902, 0.2547, 0.3195



73.0902, 0.3497, 0.3061

Square

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



73.0902, 0.2547, 0.3195



73.0902, 0.2824, 0.2736



73.0902, 0.3742, 0.3335



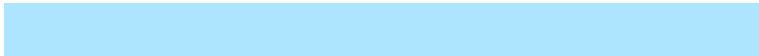
73.0902, 0.3411, 0.3906

Rectangle

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



73.0902, 0.2547, 0.3195



73.0902, 0.2535, 0.2793



73.0902, 0.3742, 0.3335



73.0902, 0.3747, 0.3768

Sweetspot

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



73.0931, 0.2547, 0.3195



93.1182, 0.2942, 0.3265



73.4511, 0.3033, 0.4482



19.7826, 0.2923, 0.3262



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.



73.0931, 0.2547, 0.3195



77.3513, 0.2460, 0.3174



48.3895, 0.2448, 0.2579



18.5205, 0.2981, 0.3271



32.8442, 0.2178, 0.3041



2.9519, 0.2187, 0.3074

Inverse Universe

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



45.4752, 0.3243, 0.2344



43.8389, 0.3269, 0.2180



63.3041, 0.3923, 0.3903



16.7444, 0.3150, 0.3075



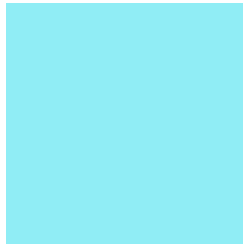
13.4150, 0.3418, 0.1657



1.1856, 0.3389, 0.1641

Previews

White Background



This preview shows how the Yxy color 73.0902, 0.2547, 0.3195 looks on a white background.

Color Contrast Check

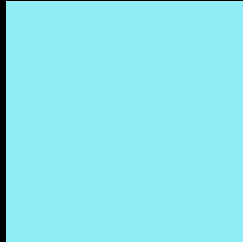
Large Text (above 18pt) WCAG AA × Fail

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 73.0902, 0.2547, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

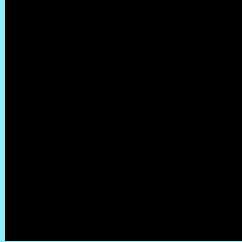
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.0902, 0.2547, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 73.0902, 0.2547, 0.3195.

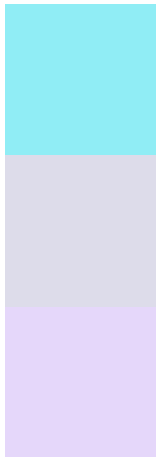


This preview shows how white text looks on a background with the Yxy color 73.0902, 0.2547, 0.3195.

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

73.0902, 0.2547, 0.3195

Protanopia

72.4991, 0.3043, 0.3140

Deuteranopia

72.1610, 0.2997, 0.2927



Tritanopia

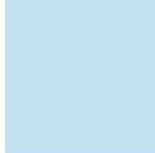
73.3497, 0.2517, 0.3081

Trichromacy



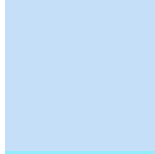
Original Color

73.0902, 0.2547, 0.3195



Protanomaly

71.9032, 0.2836, 0.3155



Deuteranomaly

71.5584, 0.2808, 0.3016



Tritanomaly

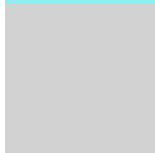
73.0669, 0.2526, 0.3115

Monochromacy



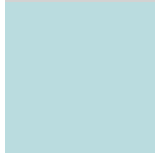
Original Color

73.0902, 0.2547, 0.3195



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

66.9532, 0.2876, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0902, 0.2547, 0.3195 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(144, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(144, 237, 245)  
}
```

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(144, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 237, 245) }
```

Border

The CSS property to change the border of an element to Yxy 73.0902, 0.2547, 0.3195 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(144, 237, 245) }
```

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

```
.border{ border-color:rgb(144, 237, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 237, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(144, 237,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0902, 0.2547, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 237, 245) }
```

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

```
.background{ background-color: rgb(144,  
237, 245) }
```

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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