

Converting Colors

$Yxy(73.4508, 0.2552, 0.3212)$

Have a look what the booklet for
Yxy(73.4508, 0.2552, 0.3212)
contains.

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Color

Yxy(73.6100, 0.2553, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	90EEF4
RGB	144, 238, 244
RGB Percent	56%, 93%, 96%
CMY	0.4356, 0.0666, 0.0430
CMYK	0.41, 0.02, 0.00, 0.04
HSL	184°, 82%, 76%
HSV	184°, 41%, 96%
XYZ	58.3985, 73.6100, 96.7361
YIQ	210.5780, -57.9500, -18.0620

Conversions

Conversions Part 2

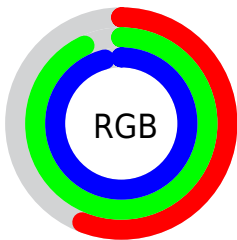
Format	Color
R_{YB}	144, 192, 244
Decimal	9498356
CIE _{Lab}	88.74, -26.39, -11.69
CIE _{LCh}	89, 28.860, 203.884
Yxy	73.6100, 0.2553, 0.3218
Android (android.graphics.Color)	4287688436 (0xFF90EEF4)
YUV	210.5780, 16.4770, -58.3889
Hunter-Lab	85.7963, -28.6448, -6.7926

Details

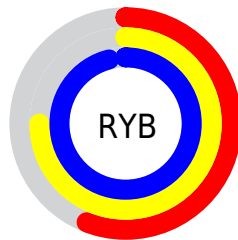
The Yxy color **73.6100, 0.2553, 0.3218** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **43.0431, 0.4155, 0.3359**, and the grayscale version is **64.7589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **39.0652, 0.2425, 0.3195** is the 20% darker color. If you saturate the color by 10%, you get **70.7993, 0.2447, 0.3198**, and if you desaturate by 10%, it is **76.9082, 0.2675, 0.3237**.

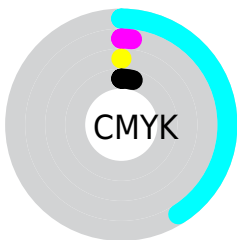
Distribution



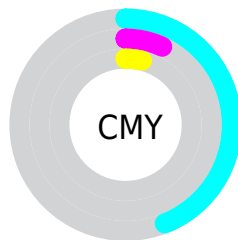
- Red (56%)
- Green (93%)
- Blue (96%)



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



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6100, 0.2553, 0.3218 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 73.6100, 0.2553, 0.3218 by changing the saturation by 10% instead.


 73.6100, 0.2553,
0.3218


 73.6100, 0.2553,
0.3218

473.1263, 0.2813,
0.3257

 54.4749, 0.2495,
0.3208


 124.3428, 0.2642,
0.3233

 38.9815, 0.2424,
0.3194

 156.7093, 0.2677,
0.3238

 26.7453, 0.2336,
0.3176


194.2550, 0.2707,
0.3243

 17.3820, 0.2223,
0.3151

237.3644, 0.2734,
0.3246

 10.5072, 0.2074,
0.3114

286.4218, 0.2757,
0.3250

 5.7366, 0.1867,
0.3055

341.8117, 0.2778,

 2.6856, 0.1567,

0.3253

0.2950

403.9184, 0.2796,
0.3255

0.9699, 0.0803,
0.2829

0.0000, 0.0000,
0.0000

73.6100, 0.2553,
0.3218

73.6100, 0.2553,
0.3218

70.7993, 0.2447,
0.3198

76.9082, 0.2675,
0.3237

68.4365, 0.2359,
0.3178

80.7133, 0.2811,
0.3256

66.4899, 0.2290,
0.3157

85.0543, 0.2958,
0.3273

64.9198, 0.2240,
0.3136

89.9553, 0.3111,
0.3288

■ 63.6788, 0.2209,
0.3116

■ 93.3041, 0.3198,
0.3303

■ 62.7764, 0.2194,
0.3098

■ 94.1960, 0.3197,
0.3317

■ 95.0949, 0.3196,
0.3331

■ 96.0009, 0.3195,
0.3345

■ 96.9140, 0.3193,
0.3359

Harmonies

Analogous

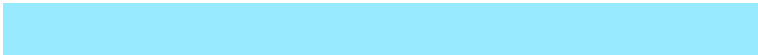
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6100, 0.2773, 0.3553



73.6100, 0.2553, 0.3218



73.6100, 0.2481, 0.2929

Triad

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



73.6100, 0.2553, 0.3218



73.6100, 0.3130, 0.2831



73.6100, 0.3705, 0.3820

Complementary

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



73.6100, 0.2553, 0.3218



43.0431, 0.4155, 0.3359

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.



73.6100, 0.3818, 0.3596



73.6100, 0.2553, 0.3218



73.6100, 0.3477, 0.3041

Square

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



73.6100, 0.2553, 0.3218



73.6100, 0.2800, 0.2728



73.6100, 0.3735, 0.3314



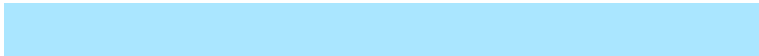
73.6100, 0.3437, 0.3912

Rectangle

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



73.6100, 0.2553, 0.3218



73.6100, 0.2522, 0.2800



73.6100, 0.3735, 0.3314



73.6100, 0.3764, 0.3756

Sweetspot

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



73.6129, 0.2553, 0.3218



93.4844, 0.2942, 0.3271



72.8068, 0.3042, 0.4496



19.8694, 0.2923, 0.3269



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.



73.6129, 0.2553, 0.3218



78.7952, 0.2466, 0.3202



48.8397, 0.2455, 0.2605



18.5773, 0.2981, 0.3275



34.2002, 0.2195, 0.3102



3.0567, 0.2202, 0.3127

Inverse Universe

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



45.3369, 0.3226, 0.2332



43.9846, 0.3248, 0.2162



62.0876, 0.3926, 0.3883



16.7501, 0.3147, 0.3071



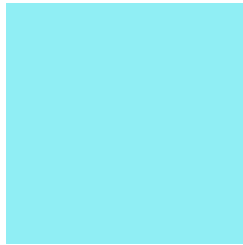
13.5519, 0.3366, 0.1628



1.1962, 0.3344, 0.1616

Previews

White Background



This preview shows how the Yxy color 73.6100, 0.2553, 0.3218 looks on a white background.

Color Contrast Check

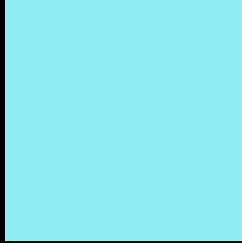
Large Text (above 18pt) WCAG AA × Fail

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 73.6100, 0.2553, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

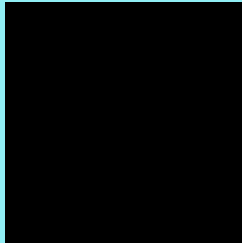
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.6100, 0.2553, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 73.6100, 0.2553, 0.3218.

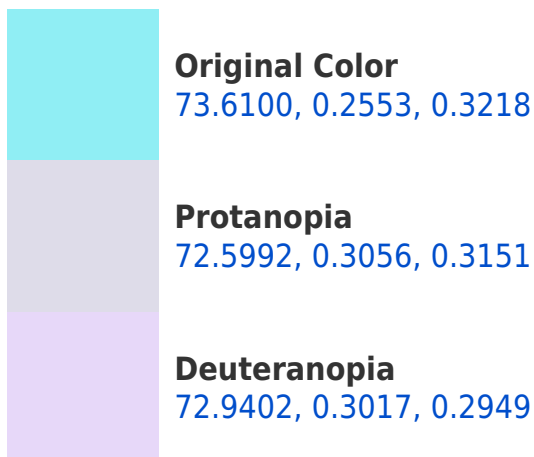


This preview shows how white text looks on a background with the Yxy color 73.6100, 0.2553, 0.3218.

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

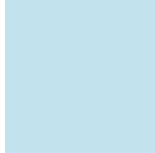
73.5068, 0.2517, 0.3071

Trichromacy



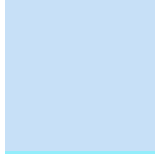
Original Color

73.6100, 0.2553, 0.3218



Protanomaly

72.5219, 0.2848, 0.3178



Deuteranomaly

72.1688, 0.2820, 0.3038



Tritanomaly

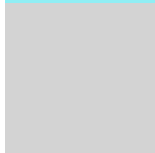
73.7365, 0.2533, 0.3127

Monochromacy



Original Color

73.6100, 0.2553, 0.3218



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.6054, 0.2883, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6100, 0.2553, 0.3218 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, 238, 244)` looks like.

```
.text, #text, p{  
    color:rgb(144, 238, 244)  
}
```

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, 238, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 238, 244) }
```

Border

The CSS property to change the border of an element to Yxy 73.6100, 0.2553, 0.3218 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, 238, 244) }
```

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

```
.border{ border-color:rgb(144, 238, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 238, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 238, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 238, 244); box-shadow:4px 4px 4px 4px rgb(144, 238, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6100, 0.2553, 0.3218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 238, 244) }
```

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

```
.background{ background-color: rgb(144,  
238, 244) }
```

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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