

Converting Colors

$Yxy(73.3755, 0.2622, 0.3396)$

Have a look what the booklet for
Yxy(73.3755, 0.2622, 0.3396)
contains.

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Color

Yxy(73.3755, 0.2622, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	90EFE6
RGB	144, 239, 230
RGB Percent	56%, 94%, 90%
CMY	0.4352, 0.0627, 0.0980
CMYK	0.40, 0.00, 0.04, 0.06
HSL	174°, 75%, 75%
HSV	174°, 40%, 94%
XYZ	56.6521, 73.3755, 86.0369
YIQ	209.5690, -53.7310, -22.9390

Conversions

Conversions Part 2

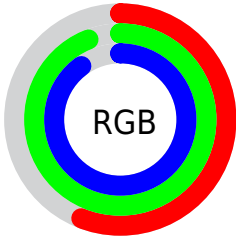
Format	Color
RYB	144, 194, 239
Decimal	9498598
CIELab	88.63, -30.19, -4.51
CIElCh	89, 30.524, 188.497
Yxy	73.3755, 0.2622, 0.3396
Android (android.graphics.Color)	4287688678 (0xFF90EFE6)
YUV	209.5690, 10.0725, -57.5040
Hunter-Lab	85.6595, -31.8507, 0.4104

Details

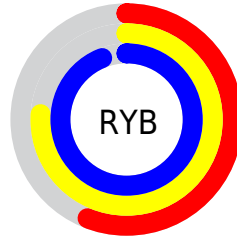
The Yxy color **73.3755, 0.2622, 0.3396** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.6030, 0.4035, 0.3192**, and the grayscale version is **64.1144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2966, 0.2816, 0.3289**, and **38.9884, 0.2505, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **71.3225, 0.2527, 0.3427**, and if you desaturate by 10%, it is **75.8915, 0.2733, 0.3366**.

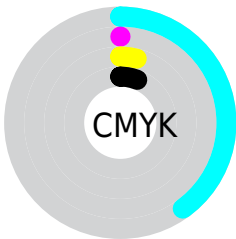
Distribution



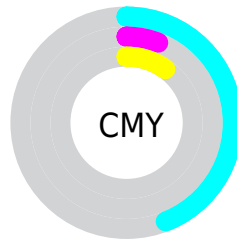
- Red (56%)
- Green (94%)
- Blue (90%)



- Red (56%)
- Yellow (76%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)





- Cyan (44%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3755, 0.2622, 0.3396 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 73.3755, 0.2622, 0.3396 by changing the saturation by 10% instead.

 73.3755, 0.2622,
0.3396


 73.3755, 0.2622,
0.3396

472.3152, 0.2853,
0.3350

 54.2831, 0.2570,
0.3406


 124.0101, 0.2701,
0.3381

 38.8280, 0.2506,
0.3417

 156.3211, 0.2733,
0.3375

 26.6260, 0.2426,
0.3431


193.8071, 0.2759,
0.3369

 17.2925, 0.2323,
0.3448

236.8524, 0.2783,
0.3365

 10.4433, 0.2185,
0.3469

285.8415, 0.2803,
0.3360

 5.6938, 0.1990,
0.3495

341.1587, 0.2822,

 2.6598, 0.1701,

0.3357

0.3525

403.1885, 0.2838,
0.3353

0.9568, 0.0673,
0.3770

0.0000, 0.0000,
0.0000

73.3755, 0.2622,
0.3396

73.3755, 0.2622,
0.3396

71.3225, 0.2527,
0.3427

75.8915, 0.2733,
0.3366

69.6949, 0.2450,
0.3459

78.8881, 0.2856,
0.3339

68.4630, 0.2393,
0.3492

82.3929, 0.2990,
0.3313

67.5901, 0.2354,
0.3525

86.4285, 0.3131,
0.3289

■ 67.0322, 0.2335,
0.3557

■ 89.3651, 0.3219,
0.3268

■ 66.7173, 0.2331,
0.3589

■ 89.5016, 0.3205,
0.3246

■ 66.7104, 0.2331,
0.3590

■ 89.6398, 0.3191,
0.3224

■ 89.7797, 0.3177,
0.3202

■ 89.9213, 0.3163,
0.3180

Harmonies

Analogous

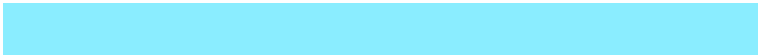
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.3755, 0.2917, 0.3731



73.3755, 0.2622, 0.3396



73.3755, 0.2463, 0.3051

Triad

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



73.3755, 0.2622, 0.3396



73.3755, 0.2942, 0.2735



73.3755, 0.3825, 0.3739

Complementary

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



73.3755, 0.2622, 0.3396



40.6030, 0.4035, 0.3192

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.



73.3755, 0.3840, 0.3461



73.3755, 0.2622, 0.3396



73.3755, 0.3313, 0.2902

Square

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



73.3755, 0.2622, 0.3396



73.3755, 0.2639, 0.2694



73.3755, 0.3649, 0.3161



73.3755, 0.3615, 0.3920

Rectangle

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



73.3755, 0.2622, 0.3396



73.3755, 0.2448, 0.2870



73.3755, 0.3649, 0.3161



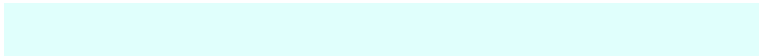
73.3755, 0.3854, 0.3653

Sweetspot

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



73.3784, 0.2622, 0.3396



94.4658, 0.2958, 0.3319



70.5712, 0.3127, 0.4491



20.1022, 0.2941, 0.3322



0.0000, 0.0000, 0.0000



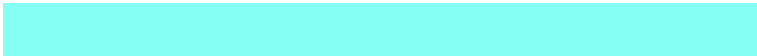
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3784, 0.2622, 0.3396



82.9691, 0.2541, 0.3422



53.9398, 0.2506, 0.2817



17.9016, 0.2994, 0.3312



36.8753, 0.2329, 0.3585



3.0751, 0.2317, 0.3542

Inverse Universe

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



40.6030, 0.4035, 0.3192



39.9456, 0.4340, 0.3174



53.8255, 0.3958, 0.3713



15.7832, 0.3278, 0.3268



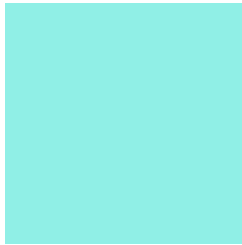
10.1828, 0.6292, 0.3240



0.8553, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 73.3755, 0.2622, 0.3396 looks on a white background.

Color Contrast Check

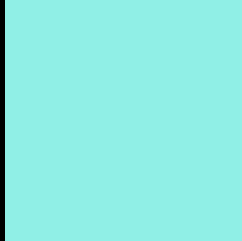
Large Text (above 18pt) WCAG AA × Fail

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 73.3755, 0.2622, 0.3396 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 73.3755, 0.2622, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 73.3755, 0.2622, 0.3396.

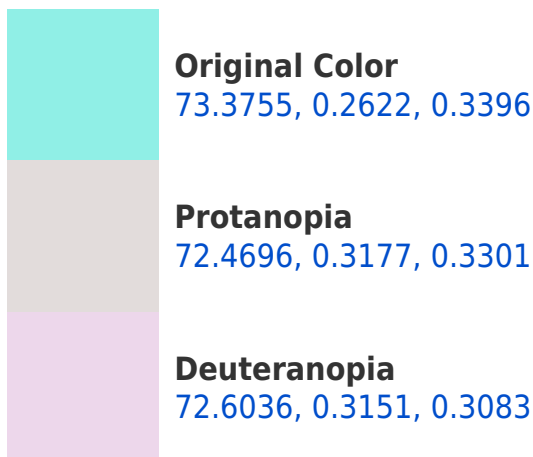


This preview shows how white text looks on a background with the Yxy color 73.3755, 0.2622, 0.3396.

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

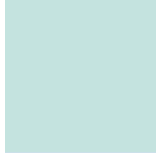
73.1517, 0.2534, 0.3071

Trichromacy



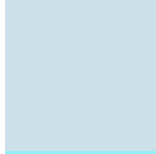
Original Color

73.3755, 0.2622, 0.3396



Protanomaly

72.0016, 0.2943, 0.3335



Deuteranomaly

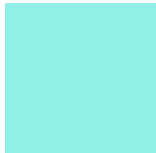
71.8910, 0.2928, 0.3190



Tritanomaly

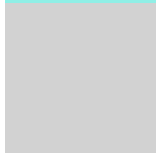
72.8794, 0.2564, 0.3183

Monochromacy



Original Color

73.3755, 0.2622, 0.3396



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

67.1618, 0.2912, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3755, 0.2622, 0.3396 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, 239, 230)` looks like.

```
.text, #text, p{  
    color:rgb(144, 239, 230)  
}
```

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, 239, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 239, 230) }
```

Border

The CSS property to change the border of an element to Yxy 73.3755, 0.2622, 0.3396 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, 239, 230) }
```

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

```
.border{ border-color:rgb(144, 239, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 239, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 239, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 239, 230);  
box-shadow:4px 4px 4px 4px rgb(144, 239,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3755, 0.2622, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 239, 230) }
```

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

```
.background{ background-color: rgb(144,  
239, 230) }
```

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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