

Converting Colors

$Yxy(73.3821, 0.2795, 0.3664)$

Have a look what the booklet for
Yxy(73.3821, 0.2795, 0.3664)
contains.

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Color

Yxy(73.3550, 0.2795, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	9CEFD0
RGB	156, 239, 208
RGB Percent	61%, 94%, 82%
CMY	0.3884, 0.0627, 0.1843
CMYK	0.35, 0.00, 0.13, 0.06
HSL	158°, 72%, 77%
HSV	158°, 35%, 94%
XYZ	55.9572, 73.3550, 70.8925
YIQ	210.6490, -39.5170, -27.2370

Conversions

Conversions Part 2

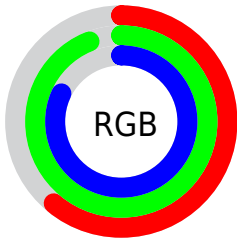
Format	Color
RYB	156, 207, 239
Decimal	10285008
CIELab	88.62, -31.87, 7.03
CIELCh	89, 32.640, 167.564
Yxy	73.3550, 0.2795, 0.3664
Android (android.graphics.Color)	4288475088 (0xFF9CEFD0)
YUV	210.6490, -1.3060, -47.9272
Hunter-Lab	85.6475, -33.2615, 10.8775

Details

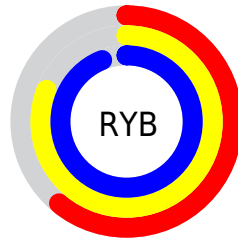
The Yxy color **73.3550, 0.2795, 0.3664** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.7023, 0.3642, 0.2949**, and the grayscale version is **64.9227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8861, 0.2877, 0.3289**, and **38.9668, 0.2713, 0.3757** is the 20% darker color. If you saturate the color by 10%, you get **70.7775, 0.2718, 0.3794**, and if you desaturate by 10%, it is **76.4323, 0.2883, 0.3544**.

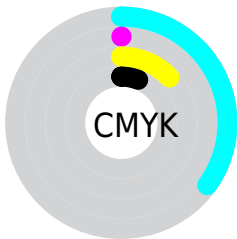
Distribution



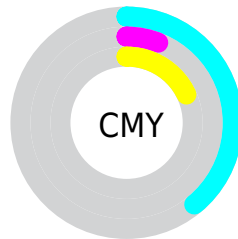
- Red (61%)
- Green (94%)
- Blue (82%)



- Red (61%)
- Yellow (81%)
- Blue (94%)



- Cyan (35%)
- Magenta (0%)
- Yellow (13%)
- Black (6%)





- Cyan (39%)
- Magenta (6%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3550, 0.2795, 0.3664 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 73.3550, 0.2795, 0.3664 by changing the saturation by 10% instead.


 73.3550, 0.2795,
0.3664

 73.3550, 0.2795,
0.3664


472.2443, 0.2950,
0.3487

 54.2663, 0.2759,
0.3706


 123.9810, 0.2849,
0.3602

 38.8146, 0.2715,
0.3758

 156.2872, 0.2870,
0.3578

 26.6155, 0.2658,
0.3824


193.7679, 0.2888,
0.3557

 17.2847, 0.2583,
0.3913

236.8076, 0.2904,
0.3539

 10.4377, 0.2480,
0.4037

285.7907, 0.2918,
0.3524

 5.6901, 0.2330,
0.4222

341.1016, 0.2930,

 2.6576, 0.2092,

0.3510

403.1246, 0.2941,
0.3498

0.4525

0.9557, 0.0788,
0.5858

0.0000, 0.0000,
0.0000

73.3550, 0.2795,
0.3664

73.3550, 0.2795,
0.3664

70.7775, 0.2718,
0.3794

76.4323, 0.2883,
0.3544

68.6626, 0.2656,
0.3931

80.0261, 0.2978,
0.3433

66.9826, 0.2610,
0.4074

84.1635, 0.3079,
0.3334

65.7024, 0.2584,
0.4220

88.8667, 0.3181,
0.3244

■ 64.7817, 0.2579,
0.4366

■ 90.0666, 0.3149,
0.3159

■ 64.1710, 0.2593,
0.4509

■ 90.2192, 0.3134,
0.3136

■ 63.9350, 0.2607,
0.4583

Harmonies

Analogous

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



73.3550, 0.3170, 0.3933



73.3550, 0.2795, 0.3664



73.3550, 0.2520, 0.3285

Triad

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



73.3550, 0.2795, 0.3664



73.3550, 0.2690, 0.2653



73.3550, 0.3910, 0.3565

Complementary

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



73.3550, 0.2795, 0.3664



45.7023, 0.3642, 0.2949

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.



73.3550, 0.3769, 0.3246



73.3550, 0.2795, 0.3664



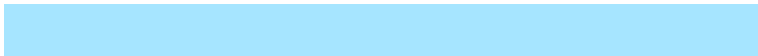
73.3550, 0.3045, 0.2740

Square

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



73.3550, 0.2795, 0.3664



73.3550, 0.2463, 0.2717



73.3550, 0.3444, 0.2952



73.3550, 0.3825, 0.3841

Rectangle

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



73.3550, 0.2795, 0.3664



73.3550, 0.2422, 0.3043



73.3550, 0.3444, 0.2952



73.3550, 0.3887, 0.3460

Sweetspot

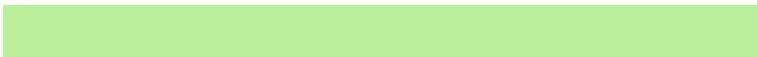
The Sweet Spot groups the original color and five complimentary colors.



73.3580, 0.2795, 0.3664



94.8825, 0.3025, 0.3385



74.8037, 0.3285, 0.4270



20.1660, 0.3011, 0.3399



0.0000, 0.0000, 0.0000



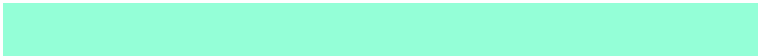
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3580, 0.2795, 0.3664



82.7143, 0.2737, 0.3759



69.5133, 0.2621, 0.3175



17.8231, 0.3031, 0.3380



35.3546, 0.2600, 0.4561



2.9604, 0.2548, 0.4374

Inverse Universe

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



45.7023, 0.3642, 0.2949



46.0338, 0.3803, 0.2875



47.8968, 0.3917, 0.3401



15.8564, 0.3235, 0.3202



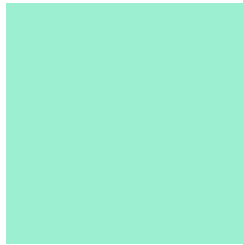
10.5648, 0.5485, 0.2795



0.8975, 0.5126, 0.2598

Previews

White Background



This preview shows how the Yxy color 73.3550, 0.2795, 0.3664 looks on a white background.

Color Contrast Check

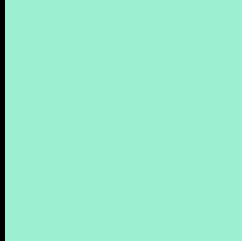
Large Text (above 18pt) WCAG AA × Fail

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 73.3550, 0.2795, 0.3664 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 73.3550, 0.2795, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 73.3550, 0.2795, 0.3664.

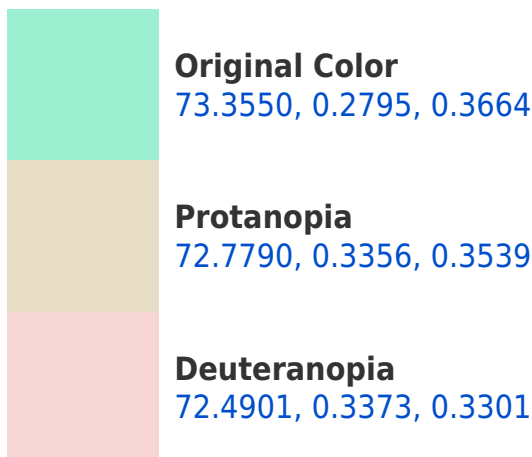


This preview shows how white text looks on a background with the Yxy color 73.3550, 0.2795, 0.3664.

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

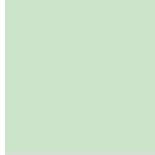
73.3499, 0.2619, 0.3085

Trichromacy



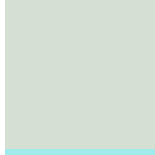
Original Color

73.3550, 0.2795, 0.3664



Protanomaly

72.5884, 0.3127, 0.3586



Deuteranomaly

71.6246, 0.3135, 0.3424



Tritanomaly

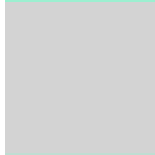
73.0962, 0.2682, 0.3289

Monochromacy



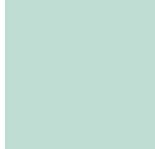
Original Color

73.3550, 0.2795, 0.3664



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.4424, 0.2989, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3550, 0.2795, 0.3664 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(156, 239, 208)` looks like.

```
.text, #text, p{  
    color:rgb(156, 239, 208)  
}
```

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(156, 239, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 239, 208) }
```

Border

The CSS property to change the border of an element to Yxy 73.3550, 0.2795, 0.3664 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(156, 239, 208) }
```

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

```
.border{ border-color:rgb(156, 239, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 239, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 239, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 239, 208);  
box-shadow:4px 4px 4px 4px rgb(156, 239,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3550, 0.2795, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 239, 208) }
```

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

```
.background{ background-color: rgb(156,  
239, 208) }
```

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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