

Converting Colors

$Y_{xy}(75.3458, 0.2803, 0.3512)$

Have a look what the booklet for
Yxy(75.3458, 0.2803, 0.3512)
contains.

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Color

Yxy(75.3353, 0.2803, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	A9EFDC
RGB	169, 239, 220
RGB Percent	66%, 94%, 86%
CMY	0.3374, 0.0627, 0.1372
CMYK	0.29, 0.00, 0.08, 0.06
HSL	164°, 69%, 80%
HSV	164°, 29%, 94%
XYZ	60.1438, 75.3353, 79.0903
YIQ	215.9040, -35.6210, -20.7490

Conversions

Conversions Part 2

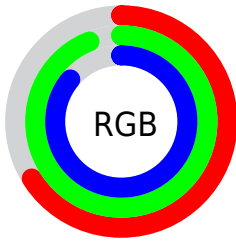
Format	Color
R _Y B	169, 209, 239
Decimal	11136988
CIE Lab	89.55, -25.70, 2.20
CIE LCh	90, 25.790, 175.110
Yxy	75.3353, 0.2803, 0.3511
Android (android.graphics.Color)	4289327068 (0xFFA9EFDC)
YUV	215.9040, 2.0193, -41.1348
Hunter-Lab	86.7959, -28.2042, 6.7308

Details

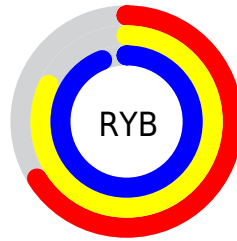
The Yxy color **75.3353, 0.2803, 0.3511** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.3481, 0.3602, 0.3082**, and the grayscale version is **68.6034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9088, 0.2952, 0.3289**, and **40.2284, 0.2731, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **72.5957, 0.2709, 0.3600**, and if you desaturate by 10%, it is **78.5775, 0.2907, 0.3429**.

Distribution



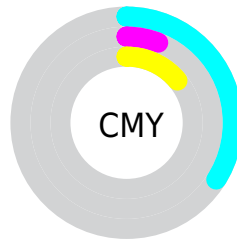
- Red (66%)
- Green (94%)
- Blue (86%)



- Red (66%)
- Yellow (82%)
- Blue (94%)



- Cyan (29%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)





- Cyan (34%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3353, 0.2803, 0.3511 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 75.3353, 0.2803, 0.3511 by changing the saturation by 10% instead.


 75.3353, 0.2803,
0.3511

 75.3353, 0.2803,
0.3511


479.0692, 0.2952,
0.3409

 55.8876, 0.2769,
0.3534


 126.7869, 0.2855,
0.3475

 40.1128, 0.2727,
0.3564


159.5596, 0.2875,
0.3462

 27.6265, 0.2674,
0.3601


197.5427, 0.2892,
0.3450

 18.0443, 0.2605,
0.3649

241.1207, 0.2907,
0.3439

 10.9818, 0.2512,
0.3715

290.6780, 0.2921,
0.3430

 6.0546, 0.2378,
0.3811

346.5989, 0.2932,

 2.8783, 0.2171,

0.3422

409.2679, 0.2943,
0.3415

0.3962

1.0685, 0.1545,
0.4372

0.0000, 0.0000,
0.0000

75.3353, 0.2803,
0.3511

75.3353, 0.2803,
0.3511

72.5957, 0.2709,
0.3600

78.5775, 0.2907,
0.3429

70.3230, 0.2629,
0.3694

82.3375, 0.3019,
0.3354

68.4912, 0.2565,
0.3793

86.6414, 0.3135,
0.3285

67.0680, 0.2520,
0.3895

89.6485, 0.3190,
0.3223

■ 66.0166, 0.2495,
0.3998

■ 90.0534, 0.3150,
0.3161

■ 65.2933, 0.2489,
0.4101

■ 90.2181, 0.3134,
0.3136

■ 64.8299, 0.2502,
0.4202

■ 64.8014, 0.2503,
0.4209

Harmonies

Analogous

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



75.3353, 0.3087, 0.3747



75.3353, 0.2803, 0.3511



75.3353, 0.2610, 0.3217

Triad

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



75.3353, 0.2803, 0.3511



75.3353, 0.2847, 0.2790



75.3353, 0.3739, 0.3575

Complementary

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



75.3353, 0.2803, 0.3511



50.3481, 0.3602, 0.3082

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.



75.3353, 0.3671, 0.3324



75.3353, 0.2803, 0.3511



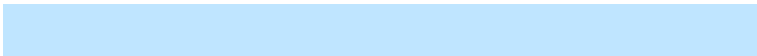
75.3353, 0.3144, 0.2886

Square

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



75.3353, 0.2803, 0.3511



75.3353, 0.2635, 0.2813



75.3353, 0.3449, 0.3077



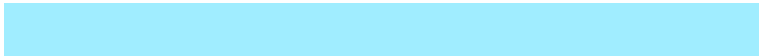
75.3353, 0.3633, 0.3768

Rectangle

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



75.3353, 0.2803, 0.3511



75.3353, 0.2555, 0.3038



75.3353, 0.3449, 0.3077



75.3353, 0.3736, 0.3494

Sweetspot

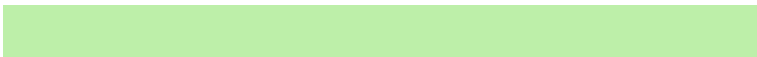
The Sweet Spot groups the original color and five complimentary colors.



75.3384, 0.2803, 0.3511



95.5097, 0.3022, 0.3352



75.3972, 0.3216, 0.4113



20.2981, 0.3005, 0.3362



0.0000, 0.0000, 0.0000



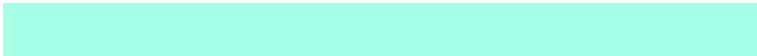
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3384, 0.2803, 0.3511



85.3579, 0.2747, 0.3562



67.8871, 0.2684, 0.3112



17.8515, 0.3017, 0.3355



35.8308, 0.2498, 0.4193



2.9973, 0.2461, 0.4059

Inverse Universe

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



50.3481, 0.3602, 0.3082



52.1574, 0.3735, 0.3038



55.5585, 0.3732, 0.3460



15.8293, 0.3251, 0.3226



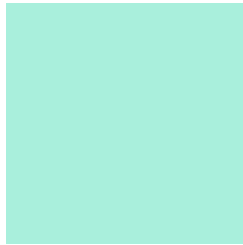
10.3695, 0.5860, 0.3002



0.8787, 0.5488, 0.2797

Previews

White Background



This preview shows how the Yxy color 75.3353, 0.2803, 0.3511 looks on a white background.

Color Contrast Check

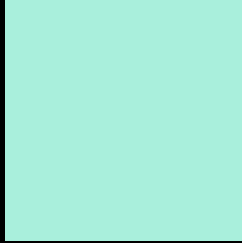
Large Text (above 18pt) WCAG AA × Fail

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 75.3353, 0.2803, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

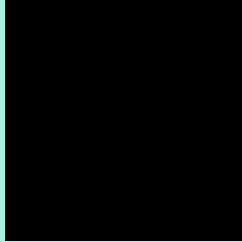
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

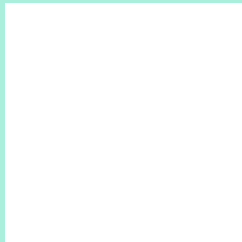
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3353, 0.2803, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 75.3353, 0.2803, 0.3511.

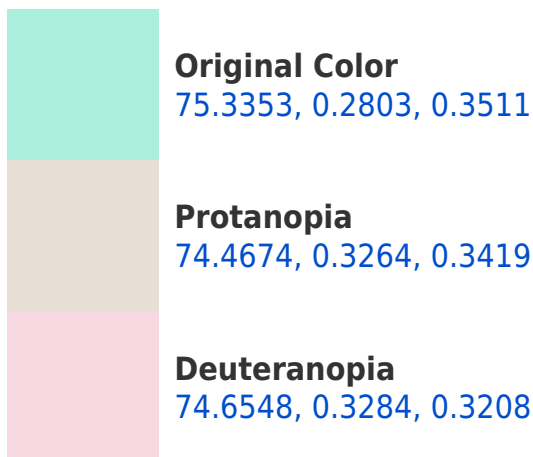


This preview shows how white text looks on a background with the Yxy color 75.3353, 0.2803, 0.3511.

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

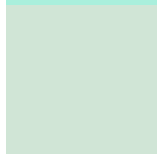
75.1676, 0.2664, 0.3078

Trichromacy



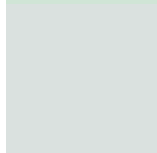
Original Color

75.3353, 0.2803, 0.3511



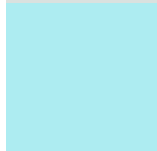
Protanomaly

74.3036, 0.3078, 0.3457



Deuteranomaly

74.0836, 0.3091, 0.3312



Tritanomaly

75.2260, 0.2711, 0.3232

Monochromacy



Original Color

75.3353, 0.2803, 0.3511



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.4632, 0.3000, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3353, 0.2803, 0.3511 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(169, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(169, 239, 220)  
}
```

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(169, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 75.3353, 0.2803, 0.3511 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(169, 239, 220) }
```

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

```
.border{ border-color:rgb(169, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(169, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3353, 0.2803, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 239, 220) }
```

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

```
.background{ background-color: rgb(169,  
239, 220) }
```

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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