

Converting Colors

$Yxy(79.3692, 0.2458, 0.3602)$

Have a look what the booklet for
Yxy(79.3692, 0.2458, 0.3602)
contains.

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Color

Yxy(79.3508, 0.2459, 0.3606)

Conversions

Conversions Part 1

Format	Color
Hex	5AFFE5
RGB	90, 255, 229
RGB Percent	35%, 100%, 90%
CMY	0.6475, 0.0000, 0.1020
CMYK	0.65, 0.00, 0.10, 0.00
HSL	171°, 100%, 68%
HSV	171°, 65%, 100%
XYZ	54.1108, 79.3508, 86.5905
YIQ	202.7010, -89.9940, -43.0660

Conversions

Conversions Part 2

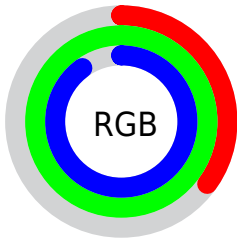
Format	Color
R_{YB}	90, 180, 255
Decimal	5963749
CIE _{Lab}	91.39, -48.50, -0.14
CIE _{LCh}	91, 48.501, 180.161
Yxy	79.3508, 0.2459, 0.3606
Android (android.graphics.Color)	4284153829 (0xFF5AFFE5)
YUV	202.7010, 12.9654, -98.8388
Hunter-Lab	89.0791, -47.4591, 4.7217

Details

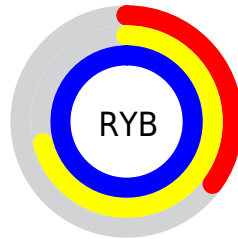
The Yxy color **79.3508, 0.2459, 0.3606** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **29.8132, 0.4923, 0.3056**, and the grayscale version is **59.4619, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9081, 0.2592, 0.3288**, and **42.9885, 0.2350, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **78.0586, 0.2416, 0.3663**, and if you desaturate by 10%, it is **81.0757, 0.2522, 0.3550**.

Distribution



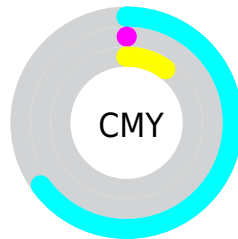
- Red (35%)
- Green (100%)
- Blue (90%)



- Red (35%)
- Yellow (71%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (65%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3508, 0.2459, 0.3606 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 79.3508, 0.2459, 0.3606 by changing the saturation by 10% instead.


 79.3508, 0.2459,
0.3606


 79.3508, 0.2459,
0.3606


492.7423, 0.2761,
0.3464


 59.1843, 0.2392,
0.3638


 132.4526, 0.2562,
0.3557


 42.7615, 0.2311,
0.3676


 166.1567, 0.2603,
0.3538

 29.6980, 0.2209,
0.3724


 205.1420, 0.2638,
0.3522

 19.6095, 0.2080,
0.3785

 249.7931, 0.2668,
0.3507

 12.1115, 0.1909,
0.3865

300.4943, 0.2696,
0.3494

 6.8197, 0.1675,
0.3975


357.6299, 0.2720,


 3.3496, 0.1342,

0.3483


0.4131


421.5845, 0.2741,
0.3473


 1.3168, 0.0053,
0.4740


 0.1542, 0.0000,
0.4650


 79.3508, 0.2459,
0.3606


 79.3508, 0.2459,
0.3606


 78.0586, 0.2416,
0.3663


 81.0757, 0.2522,
0.3550


 77.1680, 0.2393,
0.3719

 83.2897, 0.2603,
0.3496

 76.6158, 0.2388,
0.3776

 86.0234, 0.2700,
0.3444

 76.4181, 0.2390,
0.3805

 89.3091, 0.2812,
0.3395

 93.1767, 0.2934,
0.3350

 97.6538, 0.3064,
0.3308

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



79.3508, 0.2939, 0.4115



79.3508, 0.2459, 0.3606



79.3508, 0.2171, 0.3037

Triad

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



79.3508, 0.2459, 0.3606



79.3508, 0.2692, 0.2429



79.3508, 0.4242, 0.3832

Complementary

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



79.3508, 0.2459, 0.3606



29.8132, 0.4923, 0.3056

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.



79.3508, 0.4185, 0.3395



79.3508, 0.2459, 0.3606



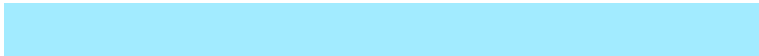
79.3508, 0.3242, 0.2627

Square

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



79.3508, 0.2459, 0.3606



79.3508, 0.2298, 0.2416



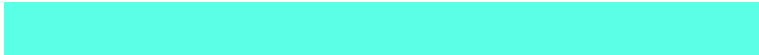
79.3508, 0.3805, 0.2969



79.3508, 0.3978, 0.4189

Rectangle

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



79.3508, 0.2459, 0.3606



79.3508, 0.2109, 0.2733



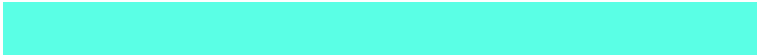
79.3508, 0.3805, 0.2969



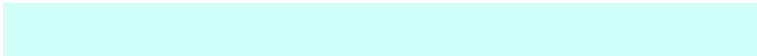
79.3508, 0.4262, 0.3690

Sweetspot

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



79.3455, 0.2459, 0.3606



91.4589, 0.2881, 0.3369



76.0670, 0.3146, 0.5319



19.3417, 0.2846, 0.3382



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.



79.3455, 0.2459, 0.3606



77.7279, 0.2406, 0.3681



50.6808, 0.2192, 0.2590



20.4294, 0.3001, 0.3328



39.9486, 0.2388, 0.3796



3.9023, 0.2370, 0.3731

Inverse Universe

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



29.8132, 0.4923, 0.3056



24.7931, 0.5499, 0.3071



42.2258, 0.4818, 0.3824



18.0337, 0.3269, 0.3253



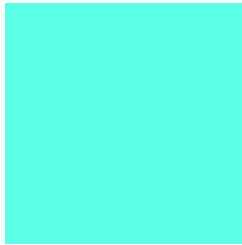
11.2032, 0.6182, 0.3179



1.1036, 0.5908, 0.3028

Previews

White Background



This preview shows how the Yxy color 79.3508, 0.2459, 0.3606 looks on a white background.

Color Contrast Check

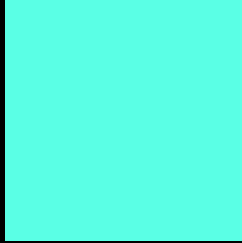
Large Text (above 18pt) WCAG AA × Fail

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 79.3508, 0.2459, 0.3606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

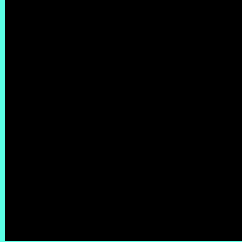
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3508, 0.2459, 0.3606

Background



This preview shows how black text looks on a background with the Yxy color 79.3508, 0.2459, 0.3606.

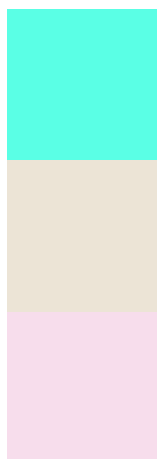


This preview shows how white text looks on a background with the Yxy color 79.3508, 0.2459, 0.3606.

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

79.3508, 0.2459, 0.3606

Protanopia

78.1747, 0.3275, 0.3437

Deuteranopia

77.5432, 0.3212, 0.3139



Tritanopia

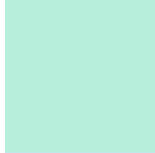
78.8313, 0.2613, 0.3144

Trichromacy



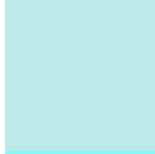
Original Color

79.3508, 0.2459, 0.3606



Protanomaly

76.3308, 0.2889, 0.3507



Deuteranomaly

75.1082, 0.2850, 0.3289



Tritanomaly

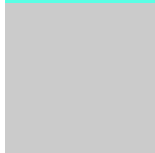
78.5786, 0.2535, 0.3300

Monochromacy



Original Color

79.3508, 0.2459, 0.3606



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

64.6774, 0.2791, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3508, 0.2459, 0.3606 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(90, 255, 229)` looks like.

```
.text, #text, p{  
    color:rgb(90, 255, 229)  
}
```

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(90, 255, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 255, 229) }
```

Border

The CSS property to change the border of an element to Yxy 79.3508, 0.2459, 0.3606 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(90, 255, 229) }
```

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

```
.border{ border-color:rgb(90, 255, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 255, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 255, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 255, 229);  
box-shadow:4px 4px 4px 4px rgb(90, 255,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3508, 0.2459, 0.3606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 255, 229) }
```

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

```
.background{ background-color: rgb(90, 255,  
229) }
```

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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