

Converting Colors

XYZ(60.8809, 83.0859, 75.6416)

Have a look what the booklet for
XYZ(60.8809, 83.0859, 75.6416)
contains.

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Color

**XYZ(60.9071, 83.0964,
75.7799)**

Conversions

Conversions Part 1

Format	Color
Hex	99FFD5
RGB	153, 255, 213
RGB Percent	60%, 100%, 84%
CMY	0.4000, 0.0000, 0.1647
CMYK	0.40, 0.00, 0.16, 0.00
HSL	155°, 100%, 80%
HSV	155°, 40%, 100%
XYZ	60.9071, 83.0964, 75.7799
YIQ	219.7140, -47.3100, -34.6860

Conversions

Conversions Part 2

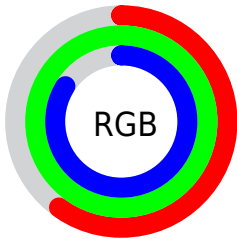
Format	Color
RYB	153, 217, 255
Decimal	10092501
CIELab	93.06, -39.00, 10.79
CIELCh	93, 40.468, 164.538
Yxy	83.0964, 0.2771, 0.3781
Android (android.graphics.Color)	4288282581 (0xFF99FFD5)
YUV	219.7140, -3.3100, -58.5082
Hunter-Lab	91.1572, -40.2596, 14.5217

Details

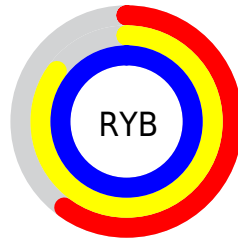
The XYZ color **60.9071, 83.0964, 75.7799** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.4821, 47.9835, 57.5987**, and the grayscale version is **67.8740, 71.4087, 77.7641**.

A 20% lighter version of the original color is **80.6740, 92.5889, 108.2272**, and **31.1895, 45.3436, 39.4561** is the 20% darker color. If you saturate the color by 10%, you get **55.3077, 80.3588, 68.7853**, and if you desaturate by 10%, it is **67.6227, 86.3994, 83.2800**.

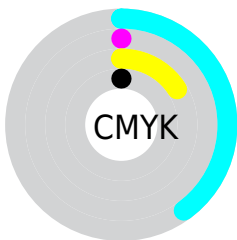
Distribution



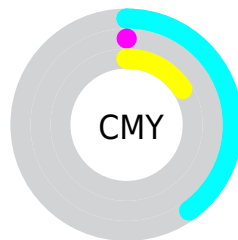
- Red (60%)
- Green (100%)
- Blue (84%)



- Red (60%)
- Yellow (85%)
- Blue (100%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9071, 83.0964, 75.7799 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 XYZ color 60.9071, 83.0964, 75.7799 by changing the saturation by 10% instead.


 60.9071, 83.0964,
75.7799


 60.9071, 83.0964,
75.7799


417.7147,
505.3077, 499.9207

 44.4025, 62.2697,
55.7465


 105.2433,
137.7105, 129.1730

 31.1863, 45.2506,
39.5971


 133.8055,
172.2666, 163.3697

 20.8933, 31.6549,
26.9131


167.1177,
212.1680, 203.1246

 13.1580, 21.0980,
17.2761

205.5451,
257.7991, 248.8562

 7.6152, 13.1957,
10.2675

249.4532,
309.5442, 300.9831

 3.8994, 7.5634,
5.4688

299.2072,

 1.6454, 3.8169,

367.7877, 359.9238

2.4613

355.1726,
432.9141, 426.0968

■ 0.4217, 1.5717,
0.8196

■ 0.0000, 0.3384,
0.0000

■ 60.9071, 83.0964,
75.7799

■ 60.9071, 83.0964,
75.7799

■ 55.3077, 80.3588,
68.7853

■ 67.6227, 86.3994,
83.2800

■ 50.7545, 78.1508,
62.2803

■ 75.5141, 90.2984,
91.2924

■ 47.1728, 76.4340,
56.2541

■ 84.6391, 94.8230,
99.8293

■ 44.4764, 75.1643,
50.6936

95.0500, 100.0000,
108.9000

■ 42.5627, 74.2888,
45.5849

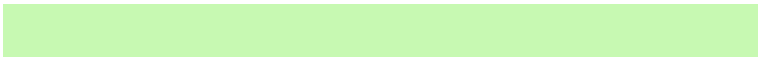
■ 41.2653, 73.7221,
40.9106

■ 41.2652, 73.7221,
40.9101

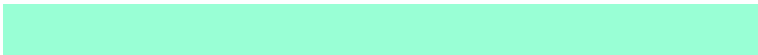
Harmonies

Analogous

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



65.5204, 83.0964, 54.8993



60.9071, 83.0964, 75.7799



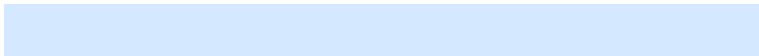
60.8355, 83.0964, 105.9483

Triad

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



60.9071, 83.0964, 75.7799



84.2123, 83.0964, 159.6242



94.4305, 83.0964, 55.3784

Complementary

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



60.9071, 83.0964, 75.7799



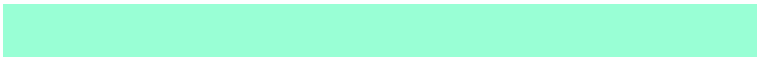
62.4821, 47.9835, 57.5987

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.



100.4165, 83.0964, 76.5919



60.9071, 83.0964, 75.7799



94.1685, 83.0964, 138.8321

Square

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



60.9071, 83.0964, 75.7799



73.6663, 83.0964, 159.2682



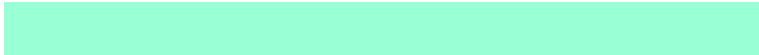
100.3166, 83.0964, 106.9631



84.5446, 83.0964, 45.0457

Rectangle

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



60.9071, 83.0964, 75.7799



63.3412, 83.0964, 127.8035



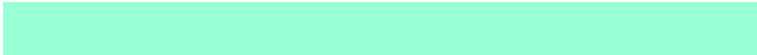
100.3166, 83.0964, 106.9631



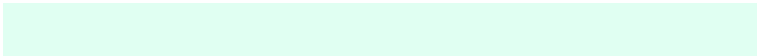
97.0032, 83.0964, 61.2347

Sweetspot

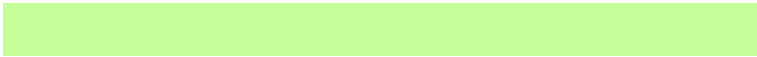
The Sweet Spot groups the original color and five complimentary colors.



60.9079, 83.0968, 75.7813



82.7118, 93.8662, 98.0786



64.1455, 85.4890, 43.2584



17.4403, 19.9605, 20.7507



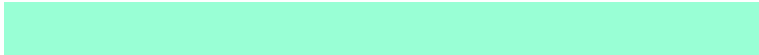
0.0000, 0.0000, 0.0000



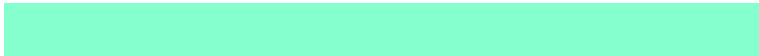
20.3446, 21.4041, 23.3091

Same Dimension

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



60.9079, 83.0968, 75.7813



56.3412, 80.8626, 70.1441



64.2955, 80.2088, 106.7009



18.2199, 20.3475, 21.4609



21.6380, 38.5518, 21.7770



2.1612, 3.7754, 2.4066

Inverse Universe

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



62.4821, 47.9835, 57.5987



58.1200, 41.3446, 49.7161



59.8228, 49.2257, 36.4867



18.3195, 18.1111, 20.2995



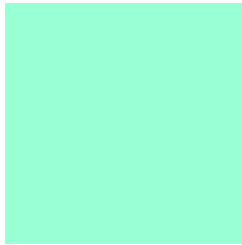
22.9509, 11.6697, 8.3920



2.2874, 1.1573, 1.0948

Previews

White Background



This preview shows how the XYZ color 60.9071, 83.0964, 75.7799 looks on a white background.

Color Contrast Check

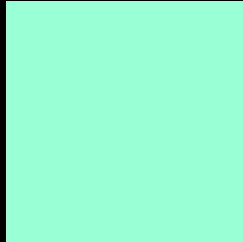
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.9071, 83.0964, 75.7799 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](#).

XYZ 60.9071, 83.0964, 75.7799

Background



This preview shows how black text looks on a background with the XYZ color 60.9071, 83.0964, 75.7799.



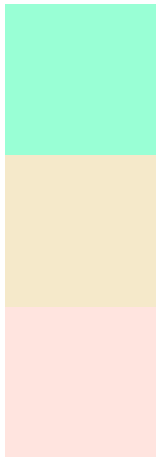
This preview shows how white text looks on a background with the XYZ color 60.9071, 83.0964,

75.7799.

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

60.9071, 83.0964, 75.7799

Protanopia

77.4558, 81.9546, 67.6136

Deuteranopia

82.3027, 82.0745, 81.3162



Tritanopia

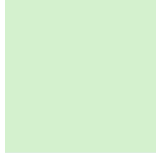
72.5671, 82.4600, 106.6994

Trichromacy



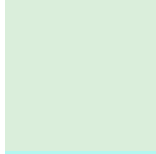
Original Color

60.9071, 83.0964, 75.7799



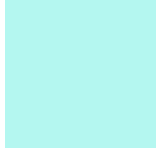
Protanomaly

69.7473, 81.3639, 70.4212



Deuteranomaly

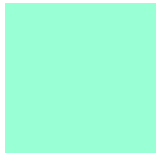
72.2742, 81.1690, 78.8758



Tritanomaly

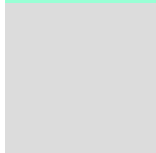
67.8113, 82.5161, 94.7912

Monochromacy



Original Color

60.9071, 83.0964, 75.7799



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.4282, 75.0233, 76.7309

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9071, 83.0964, 75.7799 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(153, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(153, 255, 213)  
}
```

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(153, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 255, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.9071, 83.0964, 75.7799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

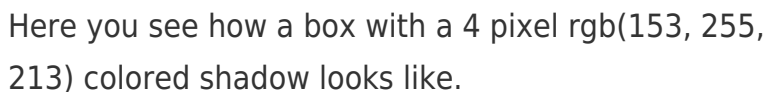
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 255, 213) }
```


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

```
.border{ border-color:rgb(153, 255, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 255, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 255, 213); box-shadow:4px 4px 4px 4px rgb(153, 255, 213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9071, 83.0964, 75.7799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 255, 213) }
```

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

```
.background{ background-color: rgb(153,  
255, 213) }
```

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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