

Converting Colors

XYZ(60.3136, 76.2701, 79.2966)

Have a look what the booklet for
XYZ(60.3136, 76.2701, 79.2966)
contains.

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Color

**XYZ(60.3099, 76.2934,
79.2576)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F1DC
RGB	167, 241, 220
RGB Percent	65%, 95%, 86%
CMY	0.3451, 0.0549, 0.1372
CMYK	0.31, 0.00, 0.09, 0.05
HSL	163°, 73%, 80%
HSV	163°, 31%, 95%
XYZ	60.3099, 76.2934, 79.2576
YIQ	216.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

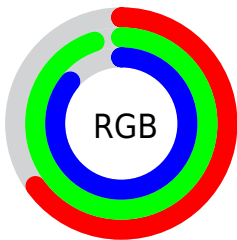
Format	Color
RYB	167, 210, 241
Decimal	11006428
CIELab	90.00, -27.22, 2.84
CIELCh	90, 27.369, 174.044
Yxy	76.2934, 0.2794, 0.3534
Android (android.graphics.Color)	4289196508 (0xFFA7F1DC)
YUV	216.4800, 1.7354, -43.3940
Hunter-Lab	87.3461, -29.6067, 7.3427

Details

The XYZ color **60.3099, 76.2934, 79.2576** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.1741, 49.9710, 54.1065**, and the grayscale version is **65.6061, 69.0228, 75.1658**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **30.8226, 40.8593, 41.8594** is the 20% darker color. If you saturate the color by 10%, you get **54.7982, 73.5566, 74.3682**, and if you desaturate by 10%, it is **66.8117, 79.5404, 84.3901**.

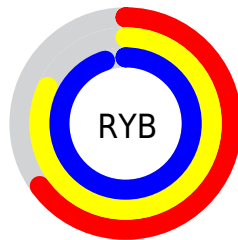
Distribution



Red (65%)

Green (95%)

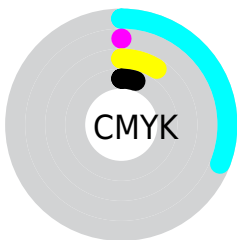
Blue (86%)



Red (65%)

Yellow (82%)

Blue (95%)

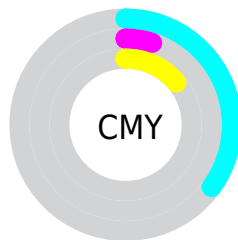


Cyan (31%)

Magenta (0%)

Yellow (9%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3099, 76.2934, 79.2576 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 60.3099, 76.2934, 79.2576 by changing the saturation by 10% instead.

60.3099, 76.2934,
79.2576

60.3099, 76.2934,
79.2576

415.5556,
482.3515, 512.0680

43.9189, 56.6731,
58.5851

104.3829,
128.1416, 134.1234

30.8044, 40.7429,
41.8614

132.7955,
161.1382, 169.1537

20.6010, 28.1182,
28.6680

165.9461,
199.3625, 209.8071

12.9435, 18.4148,
18.5864

204.2000,
243.1987, 256.5020

7.4664, 11.2482,
11.1980

247.9226,
293.0314, 309.6570

3.8043, 6.2340,
6.0843

297.4791,


1.5920, 2.9879,


349.2448, 369.6907


2.8268


353.2350,
412.2233, 437.0215


 0.3872, 1.1254,
1.0069


 0.0000, 0.0000,
0.0000


 60.3099, 76.2934,
79.2576


 60.3099, 76.2934,
79.2576


 54.7982, 73.5566,
74.3682


 66.8117, 79.5404,
84.3901


 50.2169, 71.2931,
69.7119

 74.3464, 83.3135,
89.7652

 46.5098, 69.4762,
65.2855

 82.9618, 87.6393,
95.3887

 43.6117, 68.0722,
61.0834

 89.5411, 90.9111,
101.1171

■ 41.4479, 67.0426,
57.0999

■ 90.6184, 91.3421,
106.7903

■ 39.9292, 66.3416,
53.3282

■ 90.7467, 91.3933,
107.4656

■ 38.9613, 65.9152,
50.0041

Harmonies

Analogous

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



62.4689, 76.2934, 63.0266



60.3099, 76.2934, 79.2576



61.2526, 76.2934, 99.2239

Triad

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



60.3099, 76.2934, 79.2576



77.9549, 76.2934, 122.0290



80.4388, 76.2934, 56.3736

Complementary

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



60.3099, 76.2934, 79.2576



59.1741, 49.9710, 54.1065

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.



85.0788, 76.2934, 68.7730



60.3099, 76.2934, 79.2576



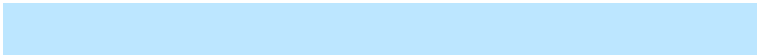
83.5833, 76.2934, 106.9686

Square

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



60.3099, 76.2934, 79.2576



71.1707, 76.2934, 125.9956



86.2638, 76.2934, 87.0039



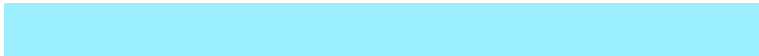
73.8753, 76.2934, 51.2042

Rectangle

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



60.3099, 76.2934, 79.2576



63.5447, 76.2934, 111.8128



86.2638, 76.2934, 87.0039



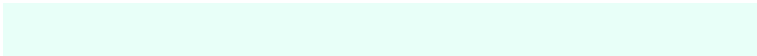
82.2912, 76.2934, 59.7313

Sweetspot

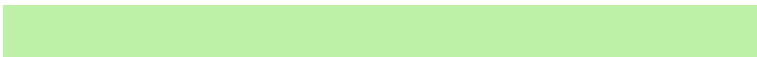
The Sweet Spot groups the original color and five complimentary colors.



60.3121, 76.2965, 79.2593



86.0738, 95.4917, 103.0983



59.4686, 76.5483, 48.2014



18.1332, 20.2936, 21.8712



0.0000, 0.0000, 0.0000



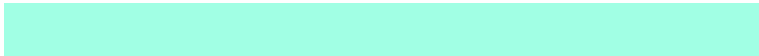
20.3446, 21.4041, 23.3091

Same Dimension

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



60.3121, 76.2965, 79.2593



64.4220, 84.6745, 86.5090



59.0667, 69.0708, 93.4416



16.0449, 17.8480, 19.2595



21.1877, 35.7671, 27.4349



1.8051, 2.9925, 2.5059

Inverse Universe

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



59.1741, 49.9710, 54.1065



62.9393, 50.2338, 53.6330



59.9401, 54.8669, 43.9916



15.9572, 15.8326, 17.3309



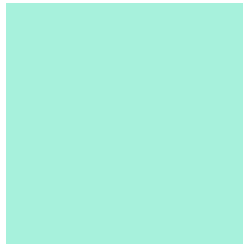
20.2937, 10.3899, 4.1975



1.7294, 0.8808, 0.5660

Previews

White Background



This preview shows how the XYZ color 60.3099, 76.2934, 79.2576 looks on a white background.

Color Contrast Check

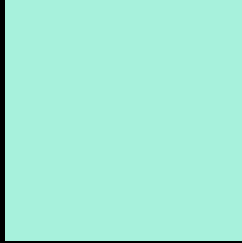
Large Text (above 18pt) WCAG AA × Fail

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 60.3099, 76.2934, 79.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

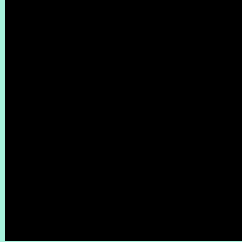
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

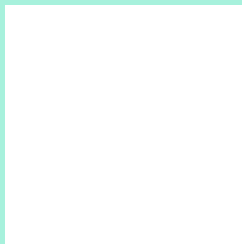
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3099, 76.2934, 79.2576

Background



This preview shows how black text looks on a background with the XYZ color 60.3099, 76.2934, 79.2576.

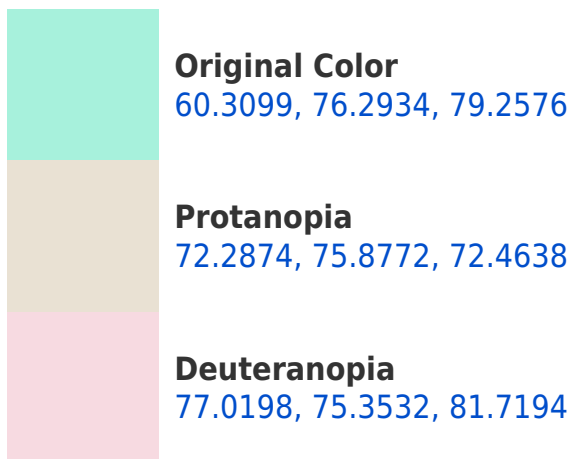


This preview shows how white text looks on a background with the XYZ color 60.3099, 76.2934,

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

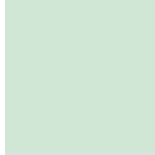
65.7246, 76.3249, 105.8759

Trichromacy



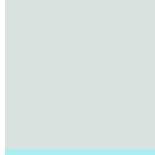
Original Color

60.3099, 76.2934, 79.2576



Protanomaly

67.0080, 75.5622, 74.6716



Deuteranomaly

69.4291, 74.6259, 80.5570



Tritanomaly

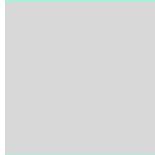
63.6148, 76.3305, 95.3848

Monochromacy



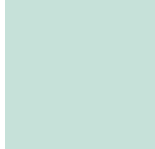
Original Color

60.3099, 76.2934, 79.2576



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.7383, 70.8659, 76.0175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3099, 76.2934, 79.2576 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(167, 241, 220)` looks like.

```
.text, #text, p{  
    color:rgb(167, 241, 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(167, 241, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 241, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.3099, 76.2934, 79.2576 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(167, 241, 220) }
```


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

```
.border{ border-color:rgb(167, 241, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 241, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 241, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 241, 220);  
box-shadow:4px 4px 4px 4px rgb(167, 241,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3099, 76.2934, 79.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 241, 220) }
```

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

```
.background{ background-color: rgb(167,  
241, 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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