

Converting Colors

XYZ(59.7778, 78.3160, 74.5050)

Have a look what the booklet for
XYZ(59.7778, 78.3160, 74.5050)
contains.

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Color

**XYZ(59.7397, 78.3464,
74.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F6D4
RGB	162, 246, 212
RGB Percent	64%, 96%, 83%
CMY	0.3647, 0.0353, 0.1686
CMYK	0.34, 0.00, 0.14, 0.04
HSL	156°, 82%, 80%
HSV	156°, 34%, 96%
XYZ	59.7397, 78.3464, 74.2611
YIQ	217.0080, -39.1500, -28.3820

Conversions

Conversions Part 2

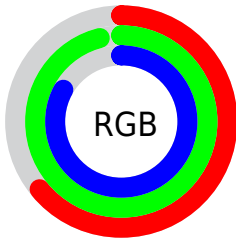
Format	Color
RYB	162, 215, 246
Decimal	10680020
CIELab	90.94, -32.64, 8.33
CIELCh	91, 33.687, 165.688
Yxy	78.3464, 0.2813, 0.3690
Android (android.graphics.Color)	4288870100 (0xFFA2F6D4)
YUV	217.0080, -2.4689, -48.2420
Hunter-Lab	88.5135, -34.4251, 12.2163

Details

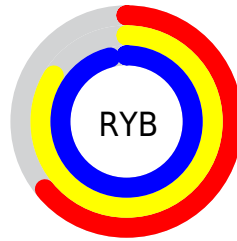
The XYZ color **59.7397, 78.3464, 74.2611** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **60.8928, 49.4209, 58.5574**, and the grayscale version is **65.9962, 69.4331, 75.6126**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **30.3468, 41.9553, 38.3970** is the 20% darker color. If you saturate the color by 10%, you get **54.0056, 75.5332, 67.6374**, and if you desaturate by 10%, it is **66.5331, 81.7009, 81.3422**.

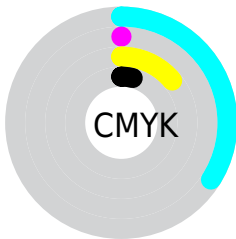
Distribution



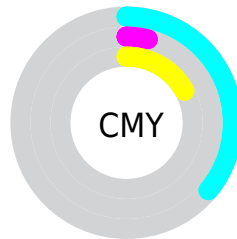
- Red (64%)
- Green (96%)
- Blue (83%)



- Red (64%)
- Yellow (84%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (14%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7397, 78.3464, 74.2611 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 59.7397, 78.3464, 74.2611 by changing the saturation by 10% instead.


 59.7397, 78.3464,
74.2611


 59.7397, 78.3464,
74.2611


413.4878,
489.3424, 494.5615

 43.4575, 58.3586,
54.5097


 103.5605,
131.0383, 127.0033

 30.4403, 42.0970,
38.6134


 131.8298,
164.5112, 160.8312

 20.3228, 29.1772,
26.1536

164.8255,
203.2479, 200.1883

 12.7395, 19.2149,
16.7118

202.9130,
247.6328, 245.4933

 7.3252, 11.8257,
9.8694

246.4576,
298.0503, 297.1645

 3.7144, 6.6251,
5.2080


295.8247,


 1.5419, 3.2288,


354.8849, 355.6206


2.3089


351.3796,
418.5208, 421.2801


 0.3541, 1.2523,
0.7362


 0.0000, 0.1038,
0.0000


 59.7397, 78.3464,
74.2611


 59.7397, 78.3464,
74.2611


 54.0056, 75.5332,
67.6374


 66.5331, 81.7009,
81.3422


 49.2657, 73.2216,
61.4558

 74.4332, 85.6149,
88.8849

 45.4575, 71.3816,
55.7077

 83.4925, 90.1170,
96.9002

 42.5084, 69.9762,
50.3819

 91.7415, 94.1921,
105.3027

■ 40.3344, 68.9620,
45.4667

■ 92.2472, 94.3944,
107.9657

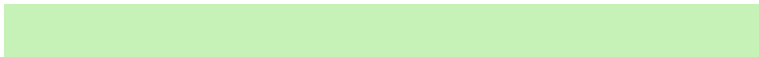
■ 38.8330, 68.2864,
40.9491

■ 38.1787, 68.0030,
38.4819

Harmonies

Analogous

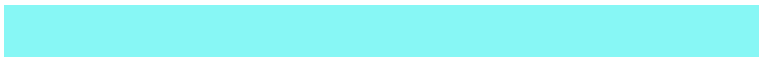
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.3837, 78.3464, 56.6335



59.7397, 78.3464, 74.2611



59.8273, 78.3464, 98.5842

Triad

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



59.7397, 78.3464, 74.2611



78.9684, 78.3464, 138.7058



86.4635, 78.3464, 56.0316

Complementary

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



59.7397, 78.3464, 74.2611



60.8928, 49.4209, 58.5574

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.



91.3165, 78.3464, 73.2769



59.7397, 78.3464, 74.2611



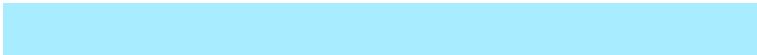
86.7700, 78.3464, 122.3166

Square

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



59.7397, 78.3464, 74.2611



70.5023, 78.3464, 139.1080



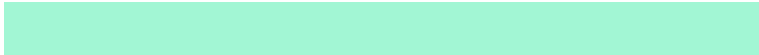
91.4327, 78.3464, 97.3949



78.5753, 78.3464, 47.5463

Rectangle

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



59.7397, 78.3464, 74.2611



61.9767, 78.3464, 115.5942



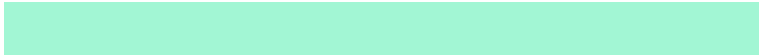
91.4327, 78.3464, 97.3949



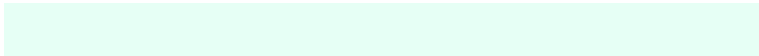
88.5294, 78.3464, 60.8325

Sweetspot

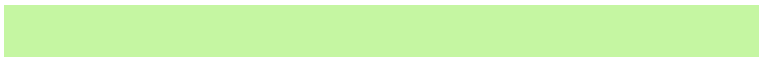
The Sweet Spot groups the original color and five complimentary colors.



59.7419, 78.3496, 74.2629



84.6652, 94.8333, 99.9710



62.5058, 80.3939, 46.4067



17.8317, 20.1541, 21.1383



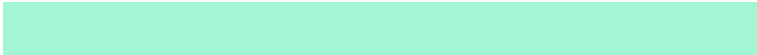
0.0000, 0.0000, 0.0000



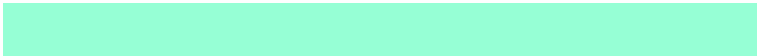
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7419, 78.3496, 74.2629



60.3903, 82.8347, 75.5437



62.4039, 76.0714, 98.5868



16.6962, 18.6376, 19.6847



20.4487, 36.3243, 20.9147



1.8481, 3.2129, 2.1058

Inverse Universe

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



60.8928, 49.4209, 58.5574



61.8183, 47.0566, 56.1424



58.7179, 50.5793, 40.8515



16.7771, 16.5937, 18.5729



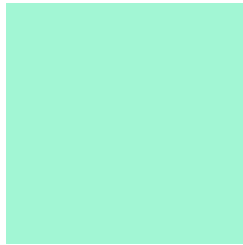
21.5682, 10.9707, 7.7005



1.9451, 0.9840, 0.9375

Previews

White Background



This preview shows how the XYZ color 59.7397, 78.3464, 74.2611 looks on a white background.

Color Contrast Check

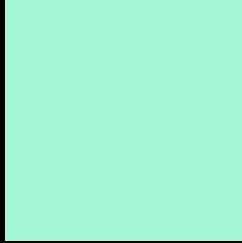
Large Text (above 18pt) WCAG AA × Fail

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 59.7397, 78.3464, 74.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

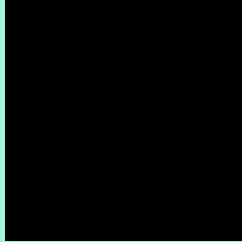
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

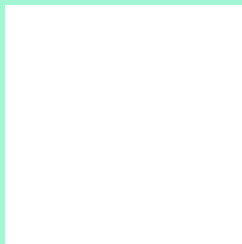
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7397, 78.3464, 74.2611

Background



This preview shows how black text looks on a background with the XYZ color 59.7397, 78.3464, 74.2611.

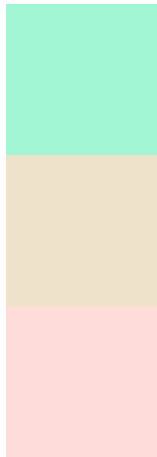


This preview shows how white text looks on a background with the XYZ color 59.7397, 78.3464,

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

59.7397, 78.3464, 74.2611

Protanopia

73.3897, 77.3796, 66.9448

Deuteranopia

78.9906, 77.2670, 76.3964



Tritanopia

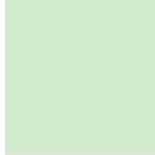
67.6806, 78.1928, 106.1333

Trichromacy



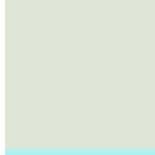
Original Color

59.7397, 78.3464, 74.2611



Protanomaly

67.1417, 77.0035, 69.7169



Deuteranomaly

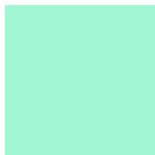
70.1038, 76.3171, 75.3258



Tritanomaly

64.4908, 78.1413, 93.3451

Monochromacy



Original Color

59.7397, 78.3464, 74.2611



Achromatopsia

65.9525, 69.3872, 75.5626



Achromatomaly

63.0351, 72.2634, 74.9159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7397, 78.3464, 74.2611 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(162, 246, 212)` looks like.

```
.text, #text, p{  
    color:rgb(162, 246, 212)  
}
```

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(162, 246, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 246, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.7397, 78.3464, 74.2611 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(162, 246, 212) }
```


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

```
.border{ border-color:rgb(162, 246, 212) }
```

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

Here you see how a box with a 4 pixel rgb(162, 246, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 246, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 246, 212);  
box-shadow:4px 4px 4px 4px rgb(162, 246,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7397, 78.3464, 74.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 246, 212) }
```

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

```
.background{ background-color: rgb(162,  
246, 212) }
```

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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