

Converting Colors

XYZ(59.6729, 74.7442, 81.4745)

Have a look what the booklet for
XYZ(59.6729, 74.7442, 81.4745)
contains.

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Color

**XYZ(59.5461, 74.5302,
81.7684)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EEE0
RGB	165, 238, 224
RGB Percent	65%, 93%, 88%
CMY	0.3529, 0.0666, 0.1216
CMYK	0.31, 0.00, 0.06, 0.07
HSL	168°, 68%, 79%
HSV	168°, 31%, 93%
XYZ	59.5461, 74.5302, 81.7684
YIQ	214.5770, -39.0140, -19.8300

Conversions

Conversions Part 2

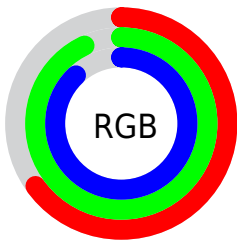
Format	Color
RYB	165, 205, 238
Decimal	10874592
CIELab	89.17, -25.50, -0.46
CIElCh	89, 25.500, 181.031
Yxy	74.5302, 0.2759, 0.3453
Android (android.graphics.Color)	4289064672 (0xFFA5EEE0)
YUV	214.5770, 4.6455, -43.4790
Hunter-Lab	86.3309, -27.9599, 4.2750

Details

The XYZ color **59.5461, 74.5302, 81.7684** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.8542, 48.3440, 48.9855**, and the grayscale version is **64.2956, 67.6439, 73.6642**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **30.3198, 39.6355, 43.5885** is the 20% darker color. If you saturate the color by 10%, you get **54.4385, 71.9696, 78.3419**, and if you desaturate by 10%, it is **65.5958, 77.5783, 85.3290**.

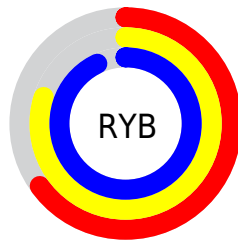
Distribution



Red (65%)

Green (93%)

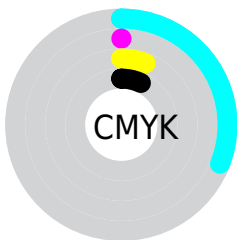
Blue (88%)



Red (65%)

Yellow (80%)

Blue (93%)

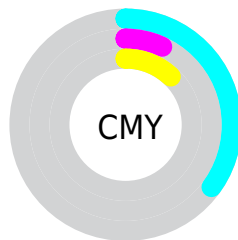


Cyan (31%)

Magenta (0%)

Yellow (6%)

Black (7%)



Cyan (35%)


Magenta (7%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5461, 74.5302, 81.7684 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 59.5461, 74.5302, 81.7684 by changing the saturation by 10% instead.


 59.5461, 74.5302,
81.7684


 59.5461, 74.5302,
81.7684


412.7843,
476.3013, 520.7358

 43.3009, 55.2281,
60.6400


 103.2810,
125.6471, 137.6829

 30.3169, 39.5844,
43.5060


 131.5015,
158.2307, 173.3061

 20.2285, 27.2146,
29.9480


164.4445,
196.0103, 214.5979

 12.6705, 17.7345,
19.5474

202.4754,
239.3702, 261.9769

 7.2775, 10.7595,
11.8857

245.9594,
288.6949, 315.8617

 3.6841, 5.9054,
6.5443


295.2620,

 1.5250, 2.7876,


344.3687, 376.6707


3.1047


350.7485,
406.7760, 444.8226


 0.3428, 1.0219,
1.1483


 0.0000, 0.0000,
0.0000


 59.5461, 74.5302,
81.7684


 59.5461, 74.5302,
81.7684


 54.4385, 71.9696,
78.3419


 65.5958, 77.5783,
85.3290


 50.2153, 69.8612,
75.0412

 72.6284, 81.1294,
89.0215

 46.8222, 68.1788,
71.8649

 80.6904, 85.2091,
92.8503

 44.1964, 66.8900,
68.8092

 87.8824, 88.8383,
96.7271

■ 42.2659, 65.9579,
65.8702

■ 88.5778, 89.1165,
100.3892

■ 40.9446, 65.3379,
63.0430

■ 89.2905, 89.4016,
104.1422

■ 40.1293, 64.9731,
60.5000

■ 89.8658, 89.6317,
107.1719

Harmonies

Analogous

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



60.8865, 74.5302, 65.6729



59.5461, 74.5302, 81.7684



61.0812, 74.5302, 100.1098

Triad

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



59.5461, 74.5302, 81.7684



77.1816, 74.5302, 114.1640



76.7877, 74.5302, 54.7323

Complementary

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



59.5461, 74.5302, 81.7684



56.8542, 48.3440, 48.9855

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.



81.5838, 74.5302, 64.7505



59.5461, 74.5302, 81.7684



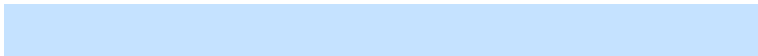
81.8204, 74.5302, 98.8873

Square

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



59.5461, 74.5302, 81.7684



71.0541, 74.5302, 120.4195



83.4758, 74.5302, 80.5362



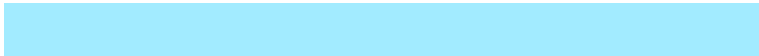
70.6238, 74.5302, 51.5078

Rectangle

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



59.5461, 74.5302, 81.7684



63.5836, 74.5302, 110.7850



83.4758, 74.5302, 80.5362



78.6258, 74.5302, 57.3370

Sweetspot

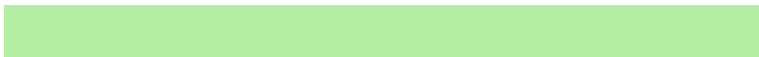
The Sweet Spot groups the original color and five complimentary colors.



59.5482, 74.5332, 81.7701



86.4042, 95.6239, 104.8381



56.0977, 73.5241, 46.8335



18.2150, 20.3263, 22.3017



0.0000, 0.0000, 0.0000



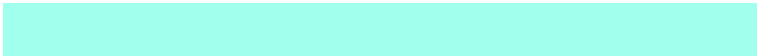
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5482, 74.5332, 81.7701



65.6593, 85.1695, 93.0248



55.5334, 63.3379, 90.1909



16.1098, 17.8739, 19.6010



22.4332, 36.2653, 33.9938



1.8992, 3.0301, 3.0018

Inverse Universe

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



56.8542, 48.3440, 48.9855



62.0350, 49.8720, 48.8708



59.8030, 56.3942, 43.3318



15.8967, 15.8084, 17.0122



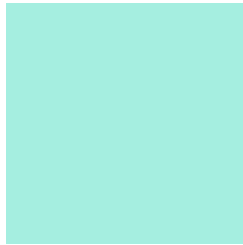
19.9781, 10.2637, 2.5352



1.6955, 0.8672, 0.3874

Previews

White Background



This preview shows how the XYZ color 59.5461, 74.5302, 81.7684 looks on a white background.

Color Contrast Check

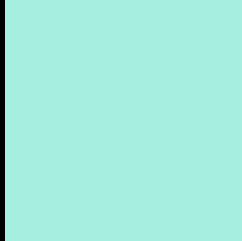
Large Text (above 18pt) WCAG AA × Fail

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 59.5461, 74.5302, 81.7684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

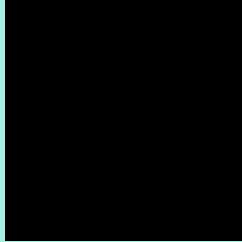
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

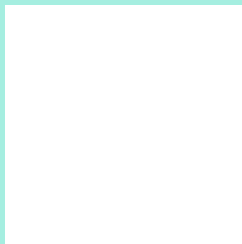
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5461, 74.5302, 81.7684

Background



This preview shows how black text looks on a background with the XYZ color 59.5461, 74.5302, 81.7684.



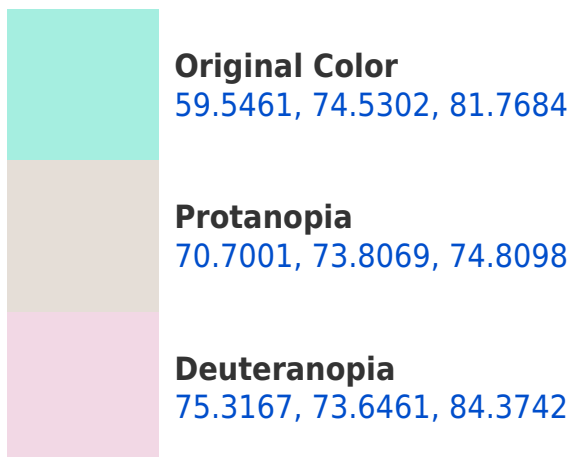
This preview shows how white text looks on a background with the XYZ color 59.5461, 74.5302,

81.7684.

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

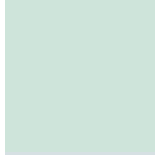
63.9470, 74.5954, 103.9565

Trichromacy



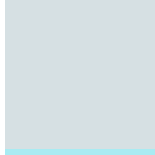
Original Color

59.5461, 74.5302, 81.7684



Protanomaly

65.8519, 73.6706, 77.0787



Deuteranomaly

68.2523, 73.1535, 83.1958



Tritanomaly

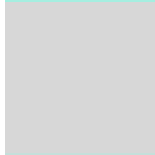
62.0975, 74.2625, 95.0656

Monochromacy



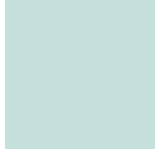
Original Color

59.5461, 74.5302, 81.7684



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.0685, 69.7076, 76.5132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5461, 74.5302, 81.7684 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(165, 238, 224)` looks like.

```
.text, #text, p{  
    color:rgb(165, 238, 224)  
}
```

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(165, 238, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 238, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.5461, 74.5302, 81.7684 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(165, 238, 224) }
```


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

```
.border{ border-color:rgb(165, 238, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 238, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 238, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 238, 224);  
box-shadow:4px 4px 4px 4px rgb(165, 238,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5461, 74.5302, 81.7684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 238, 224) }
```

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

```
.background{ background-color: rgb(165,  
238, 224) }
```

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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