

Converting Colors

XYZ(59.6751, 74.1657, 81.6912)

Have a look what the booklet for
XYZ(59.6751, 74.1657, 81.6912)
contains.

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Color

**XYZ(59.6751, 74.1657,
81.6912)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | A7EDE0 |
| RGB | 167, 237, 224 |
| RGB Percent | 65%, 93%, 88% |
| CMY | 0.3451, 0.0706, 0.1216 |
| CMYK | 0.30, 0.00, 0.05, 0.07 |
| HSL | 169°, 66%, 79% |
| HSV | 169°, 30%, 93% |
| XYZ | 59.6751, 74.1657, 81.6912 |
| YIQ | 214.5880, -37.5470, -18.8830 |

Conversions

Conversions Part 2

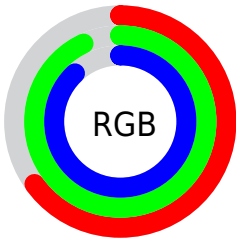
| Format | Color |
|-------------------------------------|--|
| RYB | 167, 206, 237 |
| Decimal | 11005408 |
| CIELab | 89.00, -24.45, -0.70 |
| CIELCh | 89, 24.457, 181.635 |
| Yxy | 74.1657, 0.2769, 0.3441 |
| Android (android.graphics.Color) | 4289195488 (0xFFA7EDE0) |
| YUV | 214.5880, 4.6401, -41.7347 |
| Hunter-Lab | 86.1195, -27.0205, 4.0424 |

Details

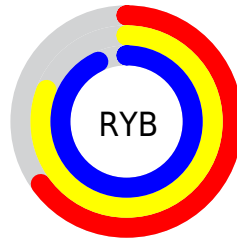
The XYZ color **59.6751, 74.1657, 81.6912** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.9846, 48.9393, 49.6258**, and the grayscale version is **64.3023, 67.6511, 73.6720**.

A 20% lighter version of the original color is **84.5505, 94.5873, 108.4086**, and **30.4954, 39.4230, 43.5382** is the 20% darker color. If you saturate the color by 10%, you get **54.5309, 71.5838, 78.3752**, and if you desaturate by 10%, it is **65.7566, 77.2328, 85.1349**.

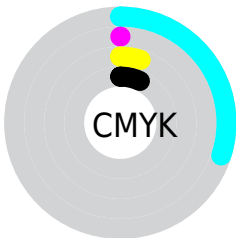
Distribution



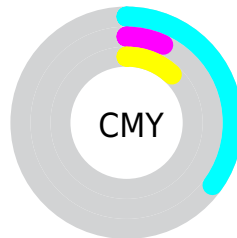
- Red (65%)
- Green (93%)
- Blue (88%)



- Red (65%)
- Yellow (81%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6751, 74.1657, 81.6912 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 59.6751, 74.1657, 81.6912 by changing the saturation by 10% instead.

59.6751, 74.1657,
81.6912

59.6751, 74.1657,
81.6912

413.2531,
475.0451, 520.4705

43.4053, 54.9297,
60.5767

103.4672,
125.1307, 137.5737

30.3991, 39.3454,
43.4553

131.7203,
157.6284, 173.1787

20.2913, 27.0285,
29.9085

164.6984,
195.3155, 214.4510

12.7165, 17.5947,
19.5177

202.7670,
238.5763, 261.8092

7.3092, 10.6594,
11.8643

246.2914,
287.7953, 315.6716

3.7043, 5.8383,
6.5300


295.6370,

1.5362, 2.7470,


343.3568, 376.4570


3.0960


351.1691,
405.6453, 444.5837

 0.3503, 1.0011,
1.1438


 0.0000, 0.0000,
0.0000


 59.6751, 74.1657,
81.6912


 59.6751, 74.1657,
81.6912


 54.5309, 71.5838,
78.3752


 65.7566, 77.2328,
85.1349


 50.2672, 69.4521,
75.1790


 72.8154, 80.8001,
88.7041


 46.8311, 67.7453,
72.1010


 80.8970, 84.8928,
92.4030


 44.1613, 66.4318,
69.1377


 87.4942, 88.2185,
96.1150

 42.1876, 65.4754,
66.2853


 88.1621, 88.4857,
99.6325


 40.8270, 64.8334,
63.5392

 88.8461, 88.7593,
103.2343

 39.9456, 64.4366,
60.8926

 89.5463, 89.0393,
106.9211

 39.9090, 64.4204,
60.7719

 89.5755, 89.0510,
107.0752

Harmonies

Analogous

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



60.9071, 74.1657, 66.1817



59.6751, 74.1657, 81.6912



61.2034, 74.1657, 99.1650

Triad

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



59.6751, 74.1657, 81.6912



76.6577, 74.1657, 111.9468



76.0620, 74.1657, 55.2428

Complementary

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



59.6751, 74.1657, 81.6912



56.9846, 48.9393, 49.6258

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.



80.6764, 74.1657, 64.7754



59.6751, 74.1657, 81.6912



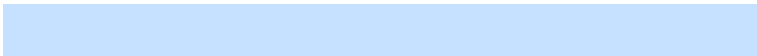
81.0337, 74.1657, 97.3219

Square

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



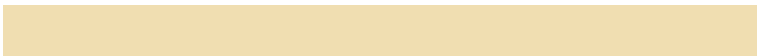
59.6751, 74.1657, 81.6912



70.8188, 74.1657, 118.0854



82.5435, 74.1657, 79.8237



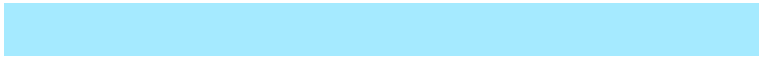
70.1667, 74.1657, 52.2579

Rectangle

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



59.6751, 74.1657, 81.6912



63.6346, 74.1657, 109.2292



82.5435, 74.1657, 79.8237



77.8257, 74.1657, 57.7147

Sweetspot

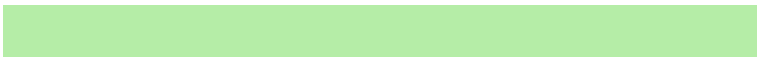
The Sweet Spot groups the original color and five complimentary colors.



59.6772, 74.1687, 81.6929



86.4261, 95.6326, 104.9534



56.3176, 73.1853, 47.7185



18.2204, 20.3285, 22.3303



0.0000, 0.0000, 0.0000



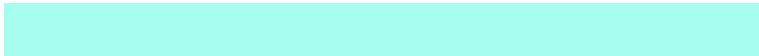
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6772, 74.1687, 81.6929



66.9282, 85.7979, 94.2474



55.7806, 63.4443, 89.4303



15.3907, 17.0711, 18.7401



21.8335, 35.1879, 33.4180



1.7455, 2.7755, 2.7877

Inverse Universe

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



56.9846, 48.9393, 49.6258



63.3083, 51.8326, 51.1020



59.8858, 56.7633, 44.3607



15.1797, 15.0998, 16.2319



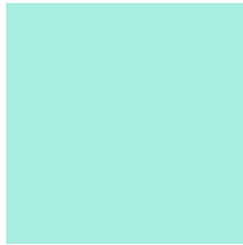
19.3512, 9.9432, 2.3848



1.5518, 0.7937, 0.3570

Previews

White Background



This preview shows how the XYZ color 59.6751, 74.1657, 81.6912 looks on a white background.

Color Contrast Check

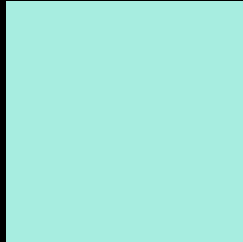
Large Text (above 18pt) WCAG AA × Fail

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 59.6751, 74.1657, 81.6912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

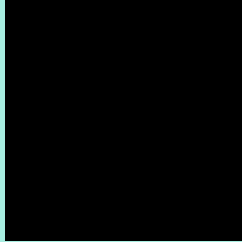
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

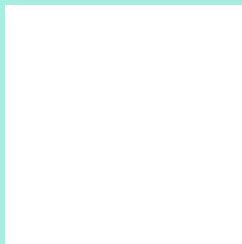
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6751, 74.1657, 81.6912

Background



This preview shows how black text looks on a background with the XYZ color 59.6751, 74.1657, 81.6912.

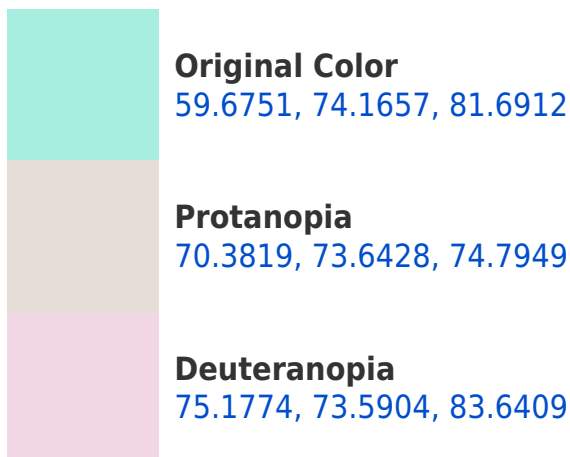


This preview shows how white text looks on a background with the XYZ color 59.6751, 74.1657,

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

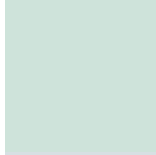
63.9432, 74.1903, 103.0455

Trichromacy



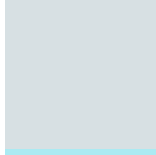
Original Color

59.6751, 74.1657, 81.6912



Protanomaly

65.5776, 73.1219, 76.9873



Deuteranomaly

68.5451, 73.3044, 83.2095



Tritanomaly

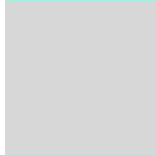
62.2444, 73.9144, 94.9907

Monochromacy



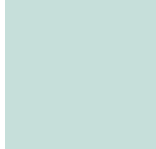
Original Color

59.6751, 74.1657, 81.6912



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

62.3313, 69.8431, 76.5255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6751, 74.1657, 81.6912 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, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 237, 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(167, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 237, 224) }
```

Border

The CSS property to change the border of an element to XYZ 59.6751, 74.1657, 81.6912 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, 237, 224) }
```


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

```
.border{ border-color:rgb(167, 237, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 237, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 237,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6751, 74.1657, 81.6912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 237, 224) }
```

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

```
.background{ background-color: rgb(167,  
237, 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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