

Converting Colors

XYZ(59.4295, 75.9071, 76.8293)

Have a look what the booklet for
XYZ(59.4295, 75.9071, 76.8293)
contains.

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Color

**XYZ(59.4967, 75.9197,
77.1638)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A5F1D9 |
| RGB | 165, 241, 217 |
| RGB Percent | 65%, 95%, 85% |
| CMY | 0.3529, 0.0549, 0.1490 |
| CMYK | 0.32, 0.00, 0.10, 0.05 |
| HSL | 161°, 73%, 80% |
| HSV | 161°, 32%, 95% |
| XYZ | 59.4967, 75.9197, 77.1638 |
| YIQ | 215.5400, -37.5920, -23.5760 |

Conversions

Conversions Part 2

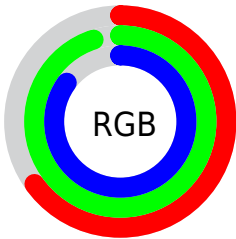
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 165, 210, 241 |
| Decimal | 10875353 |
| CIE _{Lab} | 89.82, -28.41, 4.14 |
| CIE _{LCh} | 90, 28.714, 171.711 |
| Yxy | 75.9197, 0.2799, 0.3571 |
| Android (android.graphics.Color) | 4289065433 (0xFFA5F1D9) |
| YUV | 215.5400, 0.7198, -44.3236 |
| Hunter-Lab | 87.1319, -30.5948, 8.4853 |

Details

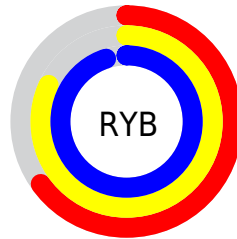
The XYZ color **59.4967, 75.9197, 77.1638** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.9186, 49.2870, 54.5551**, and the grayscale version is **64.9727, 68.3563, 74.4400**.

A 20% lighter version of the original color is **83.9342, 94.2696, 108.3798**, and **30.3010, 40.6216, 40.4261** is the 20% darker color. If you saturate the color by 10%, you get **53.9815, 73.1903, 71.8574**, and if you desaturate by 10%, it is **66.0063, 79.1605, 82.7584**.

Distribution



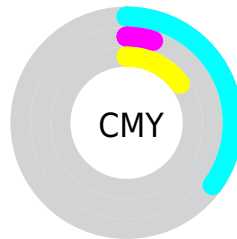
- Red (65%)
- Green (95%)
- Blue (85%)



- Red (65%)
- Yellow (82%)
- Blue (95%)



- Cyan (32%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (35%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4967, 75.9197, 77.1638 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 59.4967, 75.9197, 77.1638 by changing the saturation by 10% instead.


 59.4967, 75.9197,
77.1638


 59.4967, 75.9197,
77.1638


412.6047,
481.0728, 504.7748

 43.2610, 56.3667,
56.8750


 103.2097,
127.6134, 131.1458

 30.2854, 40.4970,
40.4962


 131.4178,
160.5228, 165.6760

 20.2044, 27.9262,
27.6089


164.3473,
198.6532, 205.7905

 12.6529, 18.2701,
17.7946

202.3636,
242.3889, 251.9077

 7.2653, 11.1441,
10.6347

245.8322,
292.1143, 304.4462

 3.6764, 6.1638,
5.7107


295.1183,

 1.5207, 2.9449,


348.2138, 363.8245


2.6040


350.5874,
411.0719, 430.4612


 0.3399, 1.1031,
0.8945


 0.0000, 0.0000,
0.0000


 59.4967, 75.9197,
77.1638


 59.4967, 75.9197,
77.1638


 53.9815, 73.1903,
71.8574


 66.0063, 79.1605,
82.7584


 49.4007, 70.9353,
66.8283

 73.5537, 82.9289,
88.6414

 45.6971, 69.1275,
62.0722

 82.1870, 87.2517,
94.8198

 42.8049, 67.7329,
57.5828

 89.5543, 90.9164,
101.1865

■ 40.6481, 66.7124,
53.3531

■ 90.7467, 91.3934,
107.4656

■ 39.1359, 66.0193,
49.3754

■ 38.2383, 65.6260,
46.1971

Harmonies

Analogous

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



61.9829, 75.9197, 60.7621



59.4967, 75.9197, 77.1638



60.2245, 75.9197, 97.9582

Triad

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



59.4967, 75.9197, 77.1638



77.3189, 75.9197, 124.4838



80.9371, 75.9197, 55.6584

Complementary

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



59.4967, 75.9197, 77.1638



58.9186, 49.2870, 54.5551

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.



85.5753, 75.9197, 69.0502



59.4967, 75.9197, 77.1638



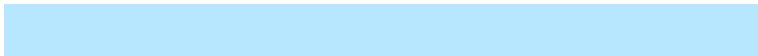
83.3929, 75.9197, 109.2817

Square

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



59.4967, 75.9197, 77.1638



70.2125, 75.9197, 127.6114



86.5022, 75.9197, 88.4188



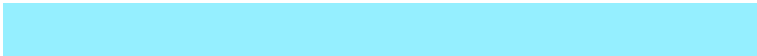
74.1419, 75.9197, 49.7451

Rectangle

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



59.4967, 75.9197, 77.1638



62.4568, 75.9197, 111.4466



86.5022, 75.9197, 88.4188



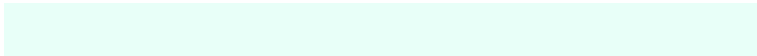
82.8181, 75.9197, 59.3194

Sweetspot

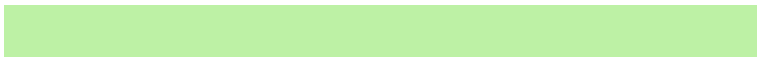
The Sweet Spot groups the original color and five complimentary colors.



59.4988, 75.9228, 77.1655



85.9598, 95.4461, 102.4977



59.2520, 76.4578, 47.2333



18.1050, 20.2824, 21.7227



0.0000, 0.0000, 0.0000



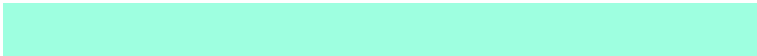
20.3446, 21.4041, 23.3091

Same Dimension

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



59.4988, 75.9228, 77.1655



63.3887, 84.2026, 83.7156



58.8839, 69.3277, 93.5008



16.0225, 17.8390, 19.1416



20.7987, 35.6115, 25.3865



1.7751, 2.9805, 2.3480

Inverse Universe

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



58.9186, 49.2870, 54.5551



62.6370, 49.4091, 54.2107



59.1763, 53.6329, 42.8317



15.9785, 15.8411, 17.4428



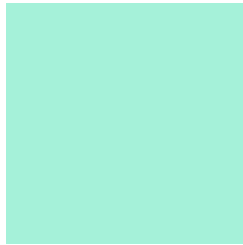
20.4348, 10.4463, 4.9402



1.7434, 0.8864, 0.6394

Previews

White Background



This preview shows how the XYZ color 59.4967, 75.9197, 77.1638 looks on a white background.

Color Contrast Check

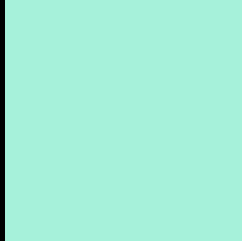
Large Text (above 18pt) WCAG AA × Fail

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 59.4967, 75.9197, 77.1638 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 59.4967, 75.9197, 77.1638

Background



This preview shows how black text looks on a background with the XYZ color 59.4967, 75.9197, 77.1638.

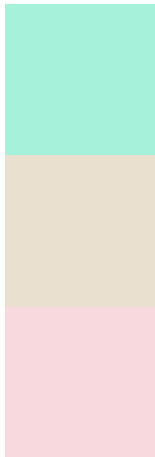


This preview shows how white text looks on a background with the XYZ color 59.4967, 75.9197,

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

59.4967, 75.9197, 77.1638

Protanopia

71.6451, 75.1890, 70.4113

Deuteranopia

76.9676, 75.3732, 79.5991



Tritanopia

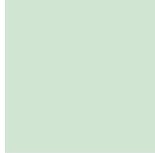
65.1184, 76.0309, 105.0093

Trichromacy



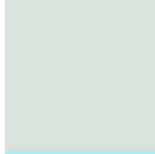
Original Color

59.4967, 75.9197, 77.1638



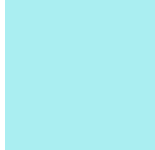
Protanomaly

66.0671, 74.7067, 72.5657



Deuteranomaly

69.0281, 74.4654, 78.4452



Tritanomaly

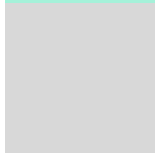
63.0293, 76.0460, 94.5754

Monochromacy



Original Color

59.4967, 75.9197, 77.1638



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.3458, 70.6786, 75.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4967, 75.9197, 77.1638 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, 241, 217)` looks like.

```
.text, #text, p{  
    color:rgb(165, 241, 217)  
}
```

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, 241, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 241, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.4967, 75.9197, 77.1638 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, 241, 217) }
```


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

```
.border{ border-color:rgb(165, 241, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 241, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 241, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 241, 217);  
box-shadow:4px 4px 4px 4px rgb(165, 241,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4967, 75.9197, 77.1638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 241, 217) }
```

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

```
.background{ background-color: rgb(165,  
241, 217) }
```

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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