

Converting Colors

XYZ(59.3414, 76.8359, 77.4727)

Have a look what the booklet for
XYZ(59.3414, 76.8359, 77.4727)
contains.

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Color

**XYZ(59.2729, 76.6880,
77.3239)**

Conversions

Conversions Part 1

Format	Color
Hex	A1F3D9
RGB	161, 243, 217
RGB Percent	63%, 95%, 85%
CMY	0.3686, 0.0470, 0.1490
CMYK	0.34, 0.00, 0.11, 0.05
HSL	161°, 77%, 79%
HSV	161°, 34%, 95%
XYZ	59.2729, 76.6880, 77.3239
YIQ	215.5180, -40.5260, -25.4700

Conversions

Conversions Part 2

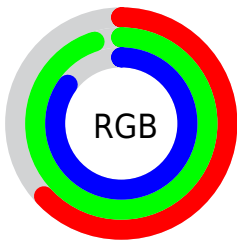
Format	Color
RYB	161, 210, 243
Decimal	10613721
CIELab	90.18, -30.48, 4.63
CIELCh	90, 30.834, 171.364
Yxy	76.6880, 0.2779, 0.3596
Android (android.graphics.Color)	4288803801 (0xFFA1F3D9)
YUV	215.5180, 0.7306, -47.8123
Hunter-Lab	87.5717, -32.4327, 8.9484

Details

The XYZ color **59.2729, 76.6880, 77.3239** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.6793, 48.1342, 53.2148**, and the grayscale version is **64.9591, 68.3421, 74.4245**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **30.0244, 40.7906, 40.4733** is the 20% darker color. If you saturate the color by 10%, you get **53.8651, 74.0153, 71.9614**, and if you desaturate by 10%, it is **65.6835, 79.8762, 82.9809**.

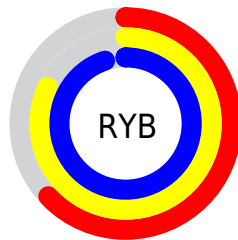
Distribution



Red (63%)

Green (95%)

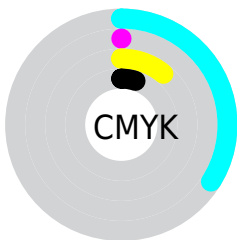
Blue (85%)



Red (63%)

Yellow (82%)

Blue (95%)

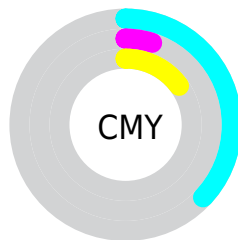


Cyan (34%)

Magenta (0%)

Yellow (11%)

Black (5%)



Cyan (37%)


Magenta (5%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2729, 76.6880, 77.3239 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 59.2729, 76.6880, 77.3239 by changing the saturation by 10% instead.

 59.2729, 76.6880,
77.3239


 59.2729, 76.6880,
77.3239


411.7903,
483.6996, 505.3346

 43.0801, 56.9968,
57.0056


 102.8866,
128.6990, 131.3738

 30.1427, 41.0027,
40.6003


 131.0381,
161.7876, 165.9424

 20.0956, 28.3212,
27.6896

163.9065,
200.1108, 206.0983

 12.5732, 18.5679,
17.8548

201.8573,
244.0530, 252.2599

 7.2103, 11.3585,
10.6774

245.2557,
293.9985, 304.8458

 3.6414, 6.3085,
5.7389

294.4671,

 1.5014, 3.0336,

350.3319, 364.2745

2.6208

349.8568,
413.4375, 430.9646

■ 0.3268, 1.1493,
0.9032

■ 0.0000, 0.0197,
0.0000

■ 59.2729, 76.6880,
77.3239

■ 59.2729, 76.6880,
77.3239

■ 53.8651, 74.0153,
71.9614

■ 65.6835, 79.8762,
82.9809

■ 49.3975, 71.8200,
66.8824

■ 73.1418, 83.5971,
88.9329

■ 45.8107, 70.0735,
62.0822

■ 81.6980, 87.8784,
95.1869

■ 43.0354, 68.7401,
57.5543

■ 90.2080, 92.1304,
101.6927

■ 40.9913, 67.7785,
53.2913

■ 91.3420, 92.5839,
107.6640

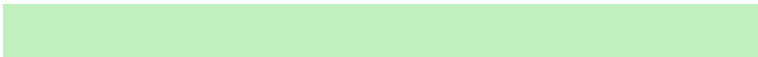
■ 39.5808, 67.1386,
49.2851

■ 38.9301, 66.8552,
46.9040

Harmonies

Analogous

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



61.9767, 76.6880, 59.8299



59.2729, 76.6880, 77.3239



60.0125, 76.6880, 99.8333

Triad

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



59.2729, 76.6880, 77.3239



78.3894, 76.6880, 129.2791



82.4804, 76.6880, 54.6883

Complementary

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



59.2729, 76.6880, 77.3239



58.6793, 48.1342, 53.2148

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.



87.4885, 76.6880, 69.0534



59.2729, 76.6880, 77.3239



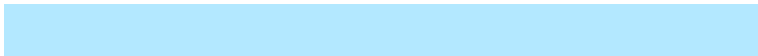
85.0139, 76.6880, 112.7112

Square

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



59.2729, 76.6880, 77.3239



70.6999, 76.6880, 132.5464



88.4468, 76.6880, 89.9969



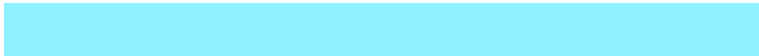
75.1242, 76.6880, 48.3468

Rectangle

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



59.2729, 76.6880, 77.3239



62.3823, 76.6880, 114.6017



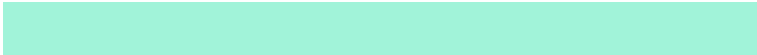
88.4468, 76.6880, 89.9969



84.5152, 76.6880, 58.6059

Sweetspot

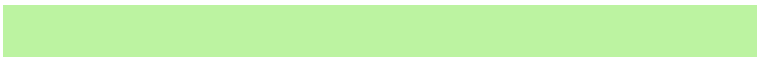
The Sweet Spot groups the original color and five complimentary colors.



59.2751, 76.6911, 77.3256



85.0081, 94.9705, 101.7768



59.3073, 77.4114, 45.5355



17.9149, 20.1874, 21.5760



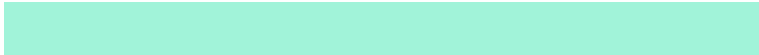
0.0000, 0.0000, 0.0000



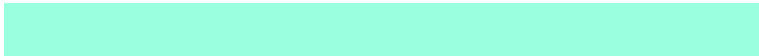
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2751, 76.6911, 77.3256



62.1698, 83.6015, 82.4291



58.9896, 70.2743, 95.2529



16.7600, 18.6631, 20.0206



21.4293, 36.7165, 26.0780



1.9299, 3.2456, 2.5369

Inverse Universe

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



58.6793, 48.1342, 53.2148



61.4246, 47.5598, 52.0321



58.6627, 52.1603, 40.6955



16.7156, 16.5691, 18.2491



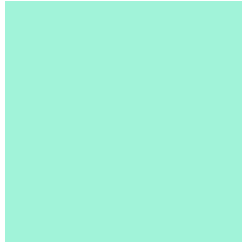
21.0763, 10.7740, 5.1102



1.8971, 0.9648, 0.6845

Previews

White Background



This preview shows how the XYZ color 59.2729, 76.6880, 77.3239 looks on a white background.

Color Contrast Check

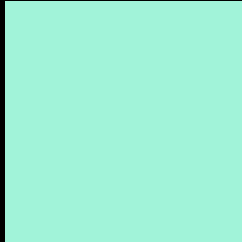
Large Text (above 18pt) WCAG AA × Fail

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 59.2729, 76.6880, 77.3239 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

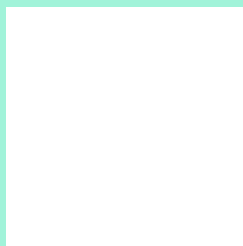
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2729, 76.6880, 77.3239

Background



This preview shows how black text looks on a background with the XYZ color 59.2729, 76.6880, 77.3239.

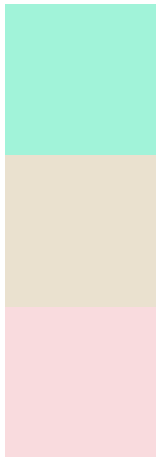


This preview shows how white text looks on a background with the XYZ color 59.2729, 76.6880,

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

59.2729, 76.6880, 77.3239

Protanopia

72.1194, 75.8478, 69.8705

Deuteranopia

77.5833, 76.0767, 79.7024



Tritanopia

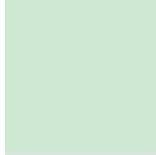
65.5678, 76.6726, 105.9512

Trichromacy



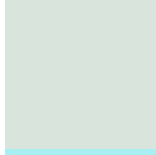
Original Color

59.2729, 76.6880, 77.3239



Protanomaly

66.3466, 75.6818, 72.7392



Deuteranomaly

69.2769, 75.4058, 78.6136



Tritanomaly

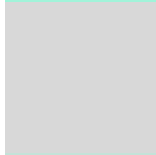
63.1059, 76.5189, 94.6627

Monochromacy



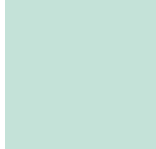
Original Color

59.2729, 76.6880, 77.3239



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.3560, 71.0863, 75.4003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2729, 76.6880, 77.3239 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(161, 243, 217)` looks like.

```
.text, #text, p{  
    color:rgb(161, 243, 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(161, 243, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 243, 217) }
```

Border

The CSS property to change the border of an element to XYZ 59.2729, 76.6880, 77.3239 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(161, 243, 217) }
```


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

```
.border{ border-color:rgb(161, 243, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 243, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 243, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 243, 217);  
box-shadow:4px 4px 4px 4px rgb(161, 243,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2729, 76.6880, 77.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 243, 217) }
```

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

```
.background{ background-color: rgb(161,  
243, 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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