

Converting Colors

XYZ(59.6875, 75.7456, 76.2145)

Have a look what the booklet for
XYZ(59.6875, 75.7456, 76.2145)
contains.

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Color

**XYZ(59.7032, 75.6029,
76.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F0D8
RGB	168, 240, 216
RGB Percent	66%, 94%, 85%
CMY	0.3412, 0.0588, 0.1529
CMYK	0.30, 0.00, 0.10, 0.06
HSL	160°, 71%, 80%
HSV	160°, 30%, 94%
XYZ	59.7032, 75.6029, 76.4119
YIQ	215.7360, -35.2080, -22.7280

Conversions

Conversions Part 2

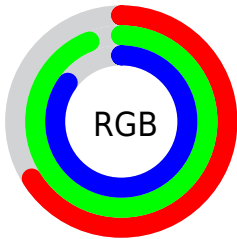
Format	Color
R _Y B	168, 211, 240
Decimal	11071704
CIE Lab	89.67, -27.28, 4.47
CIE LCh	90, 27.648, 170.703
Yxy	75.6029, 0.2820, 0.3571
Android (android.graphics.Color)	4289261784 (0xFFA8F0D8)
YUV	215.7360, 0.1302, -41.8645
Hunter-Lab	86.9499, -29.5973, 8.7607

Details

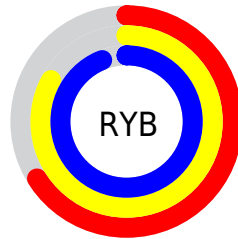
The XYZ color **59.7032, 75.6029, 76.4119** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.4548, 50.3382, 56.4548**, and the grayscale version is **65.1086, 68.4993, 74.5958**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **30.5129, 40.4316, 39.9141** is the 20% darker color. If you saturate the color by 10%, you get **54.0487, 72.8065, 70.8796**, and if you desaturate by 10%, it is **66.3553, 78.9117, 82.2571**.

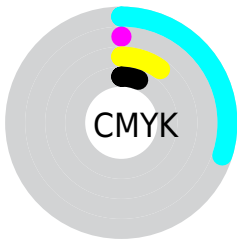
Distribution



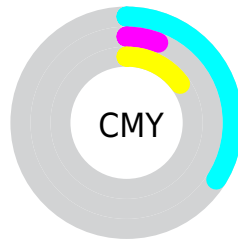
- Red (66%)
- Green (94%)
- Blue (85%)



- Red (66%)
- Yellow (83%)
- Blue (94%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)





- Cyan (34%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7032, 75.6029, 76.4119 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 59.7032, 75.6029, 76.4119 by changing the saturation by 10% instead.

 59.7032, 75.6029,
76.4119

 59.7032, 75.6029,
76.4119


413.3552,
479.9873, 502.1409

 43.4280, 56.1069,
56.2616


 103.5078,
127.1654, 130.0744

 30.4170, 40.2887,
40.0073


131.7679,
160.0008, 164.4237

 20.3050, 27.7637,
27.2304


164.7537,
198.0514, 204.3432

 12.7265, 18.1476,
17.5124

202.8305,
241.7017, 250.2513

 7.3162, 11.0560,
10.4347

246.3637,
291.3360, 302.5665

 3.7087, 6.1045,
5.5787

295.7187,

 1.5387, 2.9087,

347.3388, 361.7075

2.5261

351.2607,
410.0944, 428.0928

■ 0.3519, 1.0843,
0.8539

■ 0.0000, 0.0000,
0.0000

■ 59.7032, 75.6029,
76.4119

■ 59.7032, 75.6029,
76.4119

■ 54.0487, 72.8065,
70.8796

■ 66.3553, 78.9117,
82.2571

■ 49.3327, 70.4863,
65.6488

■ 74.0473, 82.7488,
88.4160

■ 45.4998, 68.6155,
60.7148

■ 82.8267, 87.1404,
94.8958

■ 42.4856, 67.1613,
56.0708

■ 89.3456, 90.3606,
101.5435

■ 40.2166, 66.0858,
51.7093

■ 90.4515, 90.8029,
107.3672

■ 38.6057, 65.3442,
47.6222

■ 37.5063, 64.8609,
43.7986

Harmonies

Analogous

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



62.2003, 75.6029, 60.7926



59.7032, 75.6029, 76.4119



60.3000, 75.6029, 96.2904

Triad

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



59.7032, 75.6029, 76.4119



76.5842, 75.6029, 122.5847



80.4682, 75.6029, 56.5904

Complementary

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



59.7032, 75.6029, 76.4119



59.4548, 50.3382, 56.4548

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.



84.8065, 75.6029, 69.7685



59.7032, 75.6029, 76.4119



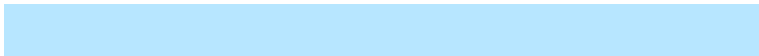
82.4676, 75.6029, 108.4069

Square

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



59.7032, 75.6029, 76.4119



69.7651, 75.6029, 125.1157



85.5604, 75.6029, 88.5223



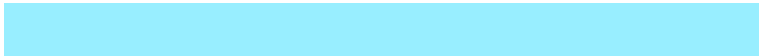
73.9930, 75.6029, 50.5981

Rectangle

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



59.7032, 75.6029, 76.4119



62.3880, 75.6029, 109.2556



85.5604, 75.6029, 88.5223



82.2415, 75.6029, 60.2187

Sweetspot

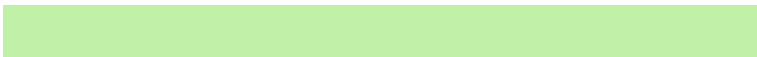
The Sweet Spot groups the original color and five complimentary colors.



59.7053, 75.6060, 76.4136



85.8974, 95.4212, 102.1694



60.2737, 76.5144, 48.6389



18.0896, 20.2762, 21.6416



0.0000, 0.0000, 0.0000



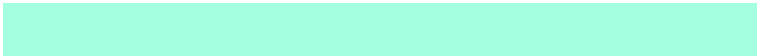
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7053, 75.6060, 76.4136



64.4138, 84.7311, 83.7637



59.9537, 70.7684, 92.9415



16.0103, 17.8341, 19.0772



20.5949, 35.5300, 24.3134



1.7592, 2.9741, 2.2646

Inverse Universe

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



59.4548, 50.3382, 56.4548



64.0882, 51.4116, 57.4684



59.0855, 53.5145, 44.2621



15.9901, 15.8458, 17.5043



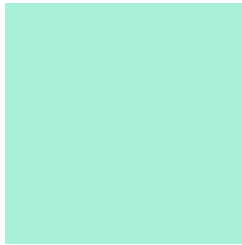
20.5193, 10.4802, 5.3853



1.7515, 0.8896, 0.6822

Previews

White Background



This preview shows how the XYZ color 59.7032, 75.6029, 76.4119 looks on a white background.

Color Contrast Check

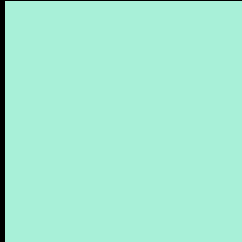
Large Text (above 18pt) WCAG AA × Fail

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 59.7032, 75.6029, 76.4119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

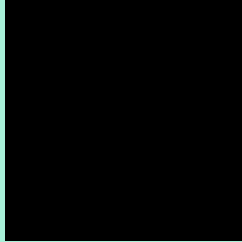
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

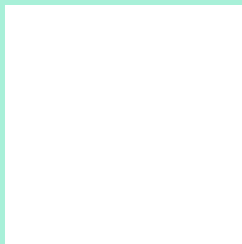
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7032, 75.6029, 76.4119

Background



This preview shows how black text looks on a background with the XYZ color 59.7032, 75.6029, 76.4119.

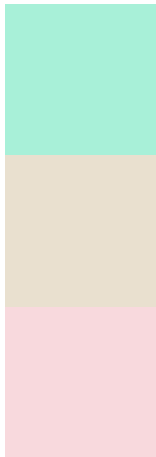


This preview shows how white text looks on a background with the XYZ color 59.7032, 75.6029,

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

59.7032, 75.6029, 76.4119

Protanopia

71.5224, 75.1399, 69.7653

Deuteranopia

76.5754, 74.8026, 78.8090



Tritanopia

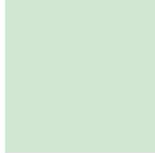
65.3424, 75.7386, 104.1036

Trichromacy



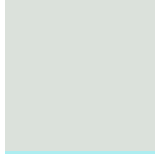
Original Color

59.7032, 75.6029, 76.4119



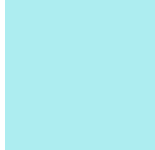
Protanomaly

66.2242, 74.8021, 71.9206



Deuteranomaly

68.9248, 74.0250, 77.6734



Tritanomaly

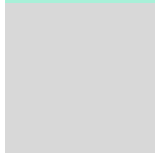
63.2459, 75.7439, 93.7247

Monochromacy



Original Color

59.7032, 75.6029, 76.4119



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

62.8731, 70.9504, 75.3468

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7032, 75.6029, 76.4119 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(168, 240, 216)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 216)  
}
```

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(168, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 216) }
```

Border

The CSS property to change the border of an element to XYZ 59.7032, 75.6029, 76.4119 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(168, 240, 216) }
```


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

```
.border{ border-color:rgb(168, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7032, 75.6029, 76.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 216) }
```

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

```
.background{ background-color: rgb(168,  
240, 216) }
```

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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