

Converting Colors

XYZ(59.1758, 82.3289, 70.0498)

Have a look what the booklet for
XYZ(59.1758, 82.3289, 70.0498)
contains.

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Color

**XYZ(59.2368, 82.3637,
69.9024)**

Conversions

Conversions Part 1

Format	Color
Hex	96FFCC
RGB	150, 255, 204
RGB Percent	59%, 100%, 80%
CMY	0.4118, 0.0000, 0.2000
CMYK	0.41, 0.00, 0.20, 0.00
HSL	151°, 100%, 79%
HSV	151°, 41%, 100%
XYZ	59.2368, 82.3637, 69.9024
YIQ	217.7910, -46.2090, -38.1210

Conversions

Conversions Part 2

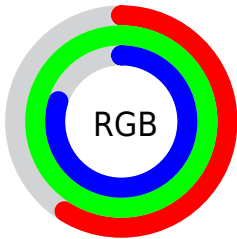
Format	Color
RYB	150, 219, 255
Decimal	9895884
CIELab	92.74, -41.59, 14.94
CIELCh	93, 44.196, 160.242
Yxy	82.3637, 0.2801, 0.3894
Android (android.graphics.Color)	4288085964 (0xFF96FFCC)
YUV	217.7910, -6.7990, -59.4527
Hunter-Lab	90.7544, -42.3106, 17.8608

Details

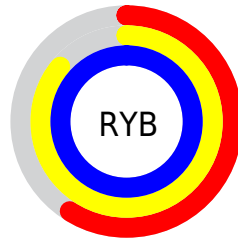
The XYZ color **59.2368, 82.3637, 69.9024** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.6895, 47.2906, 61.0826**, and the grayscale version is **66.5647, 70.0312, 76.2640**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **30.2133, 44.9173, 35.9317** is the 20% darker color. If you saturate the color by 10%, you get **53.6170, 79.6314, 62.1912**, and if you desaturate by 10%, it is **65.9971, 85.6702, 78.2864**.

Distribution



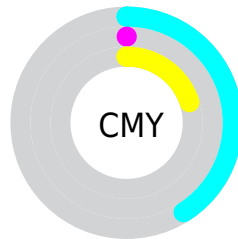
- Red (59%)
- Green (100%)
- Blue (80%)



- Red (59%)
- Yellow (86%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2368, 82.3637, 69.9024 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 59.2368, 82.3637, 69.9024 by changing the saturation by 10% instead.


 59.2368, 82.3637,
69.9024


 59.2368, 82.3637,
69.9024


411.6589,
502.8634, 478.9871

 43.0509, 61.6654,
50.9707

 102.8344,
136.6839, 120.7494

 30.1197, 44.7624,
35.8087


 130.9768,
171.0746, 153.5017

 20.0780, 31.2703,
23.9980


163.8354,
210.7982, 191.6979

 12.5604, 20.8048,
15.1199

201.7756,
256.2390, 235.7566

 7.2014, 12.9814,
8.7560

245.1626,
307.7816, 286.0964

 3.6358, 7.4157,
4.4878


294.3620,


 1.4982, 3.7234,


365.8103, 343.1357

1.8966


349.7389,
430.7094, 407.2931


 0.3246, 1.5201,
0.4905


 0.0000, 0.3028,
0.0000

 59.2368, 82.3637,
69.9024


 59.2368, 82.3637,
69.9024


 53.6170, 79.6314,
62.1912


 65.9971, 85.6702,
78.2864


 49.0660, 77.4368,
55.1312

 73.9593, 89.5824,
87.3558

 45.5067, 75.7405,
48.7053

 83.1828, 94.1305,
97.1282

 42.8502, 74.4969,
42.8940

 93.7223, 99.3425,
107.6190

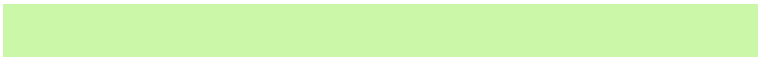
■ 40.9901, 73.6516, 95.0500, 100.0000,
37.6763 108.9000

■ 39.8666, 73.1626,
33.5448

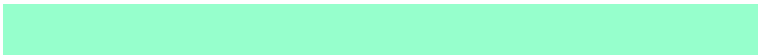
Harmonies

Analogous

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



64.8313, 82.3637, 49.4556



59.2368, 82.3637, 69.9024



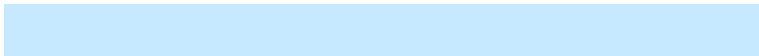
58.4507, 82.3637, 101.4364

Triad

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



59.2368, 82.3637, 69.9024



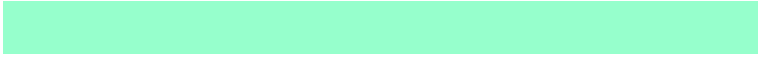
82.2882, 82.3637, 167.6938



96.4350, 82.3637, 54.6299

Complementary

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



59.2368, 82.3637, 69.9024



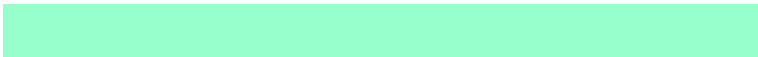
62.6895, 47.2906, 61.0826

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.



102.1625, 82.3637, 78.8691



59.2368, 82.3637, 69.9024



93.4802, 82.3637, 147.3288

Square

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



59.2368, 82.3637, 69.9024



71.0338, 82.3637, 163.5940



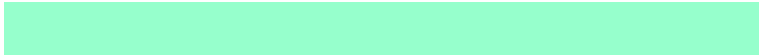
101.0310, 82.3637, 112.8752



86.0120, 82.3637, 42.2530

Rectangle

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



59.2368, 82.3637, 69.9024



60.6682, 82.3637, 125.5670



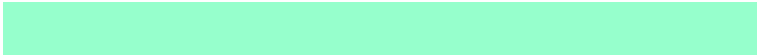
101.0310, 82.3637, 112.8752



99.0175, 82.3637, 61.3788

Sweetspot

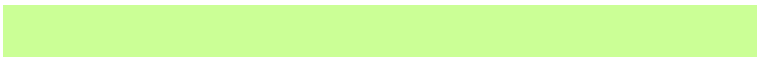
The Sweet Spot groups the original color and five complimentary colors.



59.2375, 82.3640, 69.9038



82.3732, 93.7307, 96.2954



65.7583, 86.3487, 42.0565



17.3606, 19.9286, 20.3309



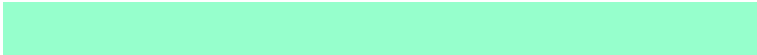
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

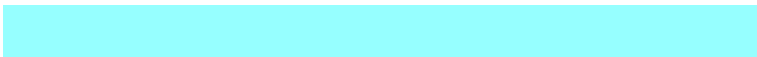
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2375, 82.3640, 69.9038



54.7462, 80.1788, 63.8128



66.3882, 85.2243, 107.5586



18.1616, 20.3242, 21.1538



20.9069, 38.2594, 17.9271



2.0909, 3.7473, 2.0363

Inverse Universe

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



62.6895, 47.2906, 61.0826



58.6046, 40.9887, 53.9626



57.6520, 45.2757, 34.5558



18.3770, 18.1341, 20.6024



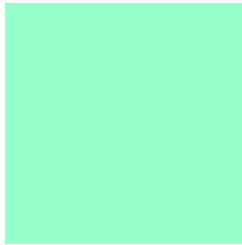
23.5198, 11.8972, 11.3875



2.3450, 1.1804, 1.3981

Previews

White Background



This preview shows how the XYZ color 59.2368, 82.3637, 69.9024 looks on a white background.

Color Contrast Check

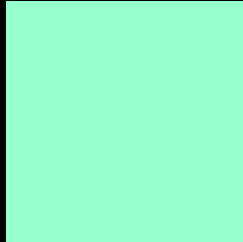
Large Text (above 18pt) WCAG AA × Fail

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 59.2368, 82.3637, 69.9024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

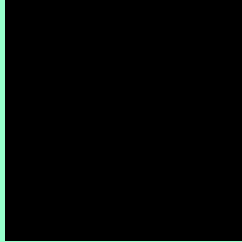
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

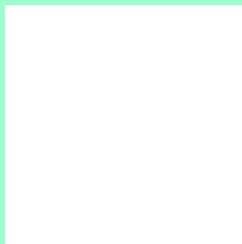
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2368, 82.3637, 69.9024

Background



This preview shows how black text looks on a background with the XYZ color 59.2368, 82.3637, 69.9024.

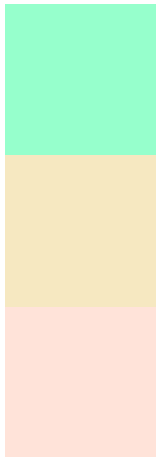


This preview shows how white text looks on a background with the XYZ color 59.2368, 82.3637,

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

59.2368, 82.3637, 69.9024

Protanopia

76.4883, 81.1563, 62.0854

Deuteranopia

81.2335, 81.2079, 77.0389



Tritanopia

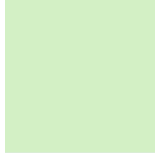
71.7944, 82.0617, 106.6633

Trichromacy



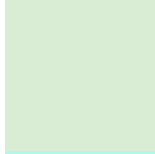
Original Color

59.2368, 82.3637, 69.9024



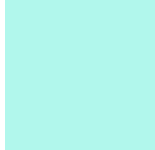
Protanomaly

68.1021, 80.2003, 64.7142



Deuteranomaly

70.7831, 80.0736, 74.0124



Tritanomaly

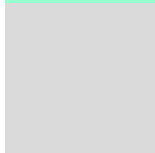
66.5325, 81.9248, 91.6633

Monochromacy



Original Color

59.2368, 82.3637, 69.9024



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

62.5785, 73.2934, 73.7996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2368, 82.3637, 69.9024 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(150, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 204)  
}
```

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(150, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 204) }
```

Border

The CSS property to change the border of an element to XYZ 59.2368, 82.3637, 69.9024 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(150, 255, 204) }
```


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

```
.border{ border-color:rgb(150, 255, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2368, 82.3637, 69.9024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 204) }
```

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

```
.background{ background-color: rgb(150,  
255, 204) }
```

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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