

Converting Colors

XYZ(85.9193, 135.1073,
76.0774)

Have a look what the booklet for
XYZ(85.9193, 135.1073, 76.0774)
contains.

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Color

**XYZ(59.7029, 82.6587,
67.4516)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFC8
RGB	155, 255, 200
RGB Percent	61%, 100%, 78%
CMY	0.3921, 0.0000, 0.2157
CMYK	0.39, 0.00, 0.22, 0.00
HSL	147°, 100%, 80%
HSV	147°, 39%, 100%
XYZ	59.7029, 82.6587, 67.4516
YIQ	218.8300, -41.9450, -38.3050

Conversions

Conversions Part 2

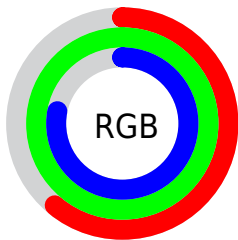
Format	Color
RYB	155, 224, 255
Decimal	10223560
CIELab	92.86, -41.04, 17.20
CIELCh	93, 44.497, 157.254
Yxy	82.6587, 0.2846, 0.3940
Android (android.graphics.Color)	4288413640 (0xFF9BFFC8)
YUV	218.8300, -9.2832, -55.9789
Hunter-Lab	90.9168, -41.8878, 19.6543

Details

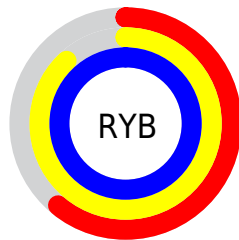
The XYZ color **59.7029, 82.6587, 67.4516** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.5946, 49.3566, 67.0952**, and the grayscale version is **67.2971, 70.8018, 77.1031**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **30.5280, 45.1161, 34.2934** is the 20% darker color. If you saturate the color by 10%, you get **53.7503, 79.7708, 59.0061**, and if you desaturate by 10%, it is **66.8406, 86.1401, 76.7402**.

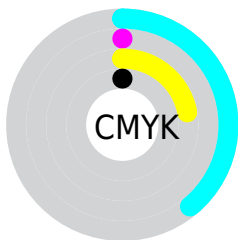
Distribution



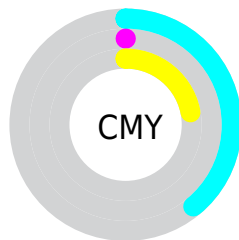
- Red (61%)
- Green (100%)
- Blue (78%)



- Red (61%)
- Yellow (88%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.7029, 82.6587, 67.4516 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 59.7029, 82.6587, 67.4516 by changing the saturation by 10% instead.


 59.7029, 82.6587,
67.4516


 59.7029, 82.6587,
67.4516


413.3541,
503.8484, 470.0957

 43.4278, 61.9086,
48.9878


 103.5074,
137.0973, 117.2141

 30.4169, 44.9589,
34.2443


 131.7674,
171.5547, 149.3498

 20.3049, 31.4250,
22.8024


164.7531,
211.3500, 186.8800

 12.7264, 20.9227,
14.2438

202.8298,
256.8675, 230.2231

 7.3161, 13.0675,
8.1497

246.3629,
308.4917, 279.7977

 3.7086, 7.4751,
4.1018

295.7178,

 1.5387, 3.7609,

366.6070, 336.0223

1.6813

351.2597,
431.5977, 399.3155

■ 0.3519, 1.5407,
0.3479

■ 0.0000, 0.3172,
0.0000

■ 59.7029, 82.6587,
67.4516

■ 59.7029, 82.6587,
67.4516

■ 53.7503, 79.7708,
59.0061

■ 66.8406, 86.1401,
76.7402

■ 48.9110, 77.4399,
51.3754

■ 75.2250, 90.2465,
86.8909

■ 45.1085, 75.6271,
44.5352

■ 84.9159, 95.0080,
97.9275

■ 42.2549, 74.2876,
38.4586

95.0500, 100.0000,
108.9000

■ 40.2465, 73.3684,
33.1166

■ 38.9289, 72.7905,
28.4765

■ 38.8403, 72.7521,
28.1404

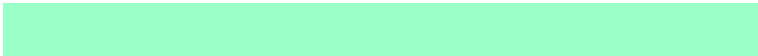
Harmonies

Analogous

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



65.7969, 82.6587, 48.0620



59.7029, 82.6587, 67.4516



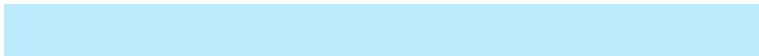
58.4137, 82.6587, 98.3276

Triad

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



59.7029, 82.6587, 67.4516



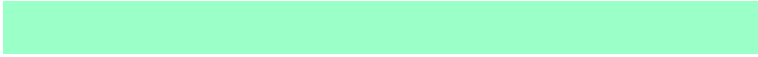
81.4205, 82.6587, 169.6003



97.7308, 82.6587, 56.5485

Complementary

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



59.7029, 82.6587, 67.4516



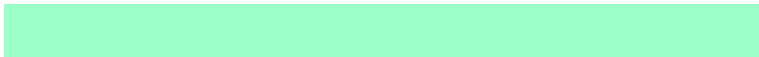
64.5946, 49.3566, 67.0952

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.



102.8866, 82.6587, 82.1588



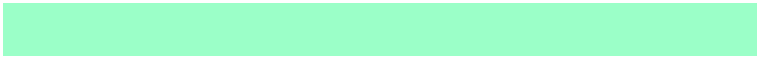
59.7029, 82.6587, 67.4516



92.8855, 82.6587, 151.1680

Square

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



59.7029, 82.6587, 67.4516



70.2360, 82.6587, 162.8778



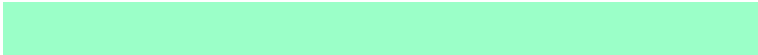
101.0314, 82.6587, 117.0880



87.5269, 82.6587, 42.9361

Rectangle

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



59.7029, 82.6587, 67.4516



60.3237, 82.6587, 122.6101



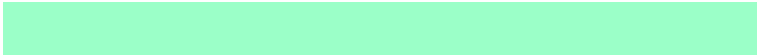
101.0314, 82.6587, 117.0880



100.1554, 82.6587, 63.7566

Sweetspot

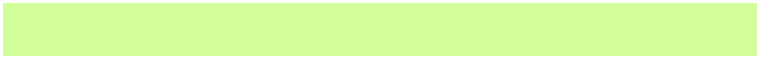
The Sweet Spot groups the original color and five complimentary colors.



59.7036, 82.6590, 67.4530



82.0822, 93.6143, 94.7633



68.2552, 87.5884, 44.3202



17.2922, 19.9013, 19.9708



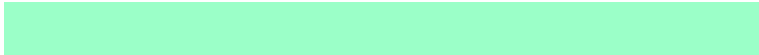
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

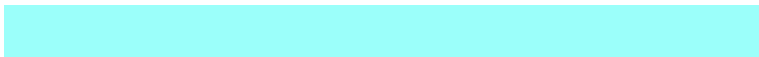
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7036, 82.6590, 67.4530



54.9702, 80.3611, 60.8057



66.5334, 85.3909, 103.4180



18.1114, 20.3041, 20.8894



20.3677, 38.0437, 15.0873



2.0373, 3.7258, 1.7541

Inverse Universe

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



64.5946, 49.3566, 67.0952



60.4754, 42.8500, 60.3828



59.3071, 47.2416, 39.2514



18.4275, 18.1543, 20.8682



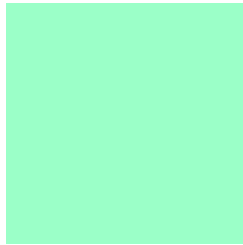
24.1082, 12.1326, 14.4859



2.4024, 1.2033, 1.7006

Previews

White Background



This preview shows how the XYZ color 59.7029, 82.6587, 67.4516 looks on a white background.

Color Contrast Check

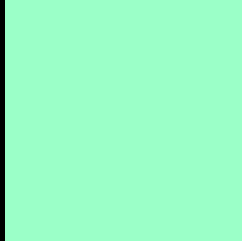
Large Text (above 18pt) WCAG AA × Fail

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 59.7029, 82.6587, 67.4516 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 59.7029, 82.6587, 67.4516

Background



This preview shows how black text looks on a background with the XYZ color 59.7029, 82.6587, 67.4516.

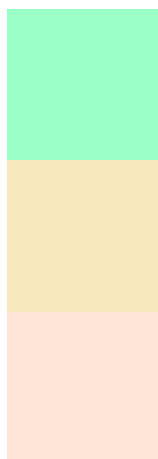


This preview shows how white text looks on a background with the XYZ color 59.7029, 82.6587,

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

59.7029, 82.6587, 67.4516

Protanopia

76.6820, 81.7261, 59.8773

Deuteranopia

81.3781, 81.7047, 76.4472



Tritanopia

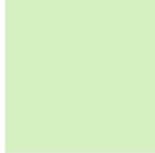
72.3078, 82.3264, 106.6873

Trichromacy



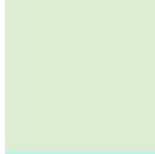
Original Color

59.7029, 82.6587, 67.4516



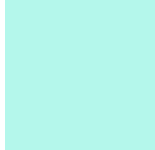
Protanomaly

68.8125, 81.0570, 62.4708



Deuteranomaly

71.4208, 80.8623, 72.8165



Tritanomaly

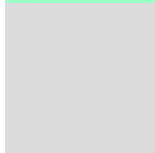
67.0786, 82.2230, 90.9325

Monochromacy



Original Color

59.7029, 82.6587, 67.4516



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.5052, 74.2025, 73.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7029, 82.6587, 67.4516 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(155, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 200)  
}
```

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(155, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.7029, 82.6587, 67.4516 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(155, 255, 200) }
```


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

```
.border{ border-color:rgb(155, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7029, 82.6587, 67.4516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 200) }
```

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

```
.background{ background-color: rgb(155,  
255, 200) }
```

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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