

Converting Colors

XYZ(65.3189, 82.5676,
104.5875)

Have a look what the booklet for
XYZ(65.3189, 82.5676, 104.5875)
contains.

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Color

**XYZ(65.2739, 82.3681,
104.5538)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFAFC
RGB	155, 250, 252
RGB Percent	61%, 98%, 99%
CMY	0.3921, 0.0196, 0.0118
CMYK	0.38, 0.01, 0.00, 0.01
HSL	181°, 94%, 80%
HSV	181°, 38%, 99%
XYZ	65.2739, 82.3681, 104.5538
YIQ	221.8230, -57.2620, -19.5180

Conversions

Conversions Part 2

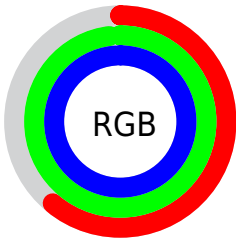
Format	Color
RYB	155, 203, 252
Decimal	10222332
CIELab	92.74, -27.56, -9.84
CIElCh	93, 29.263, 199.640
Yxy	82.3681, 0.2588, 0.3266
Android (android.graphics.Color)	4288412412 (0xFF9BFAFC)
YUV	221.8230, 14.8773, -58.6038
Hunter-Lab	90.7569, -30.4443, -4.7735

Details

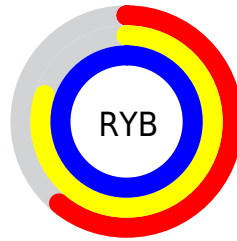
The XYZ color **65.2739, 82.3681, 104.5538** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.1195, 47.1770, 37.0551**, and the grayscale version is **69.2357, 72.8413, 79.3242**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **33.8501, 44.6214, 58.4585** is the 20% darker color. If you saturate the color by 10%, you get **60.7728, 79.8106, 104.2988**, and if you desaturate by 10%, it is **70.7895, 85.4532, 104.8600**.

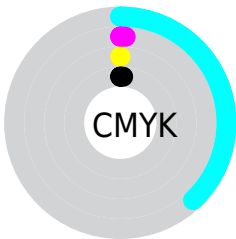
Distribution



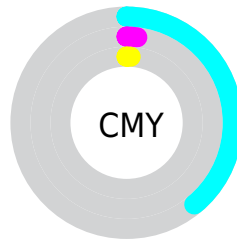
- Red (61%)
- Green (98%)
- Blue (99%)



- Red (61%)
- Yellow (80%)
- Blue (99%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (39%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2739, 82.3681, 104.5538 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 65.2739, 82.3681, 104.5538 by changing the saturation by 10% instead.

65.2739, 82.3681,
104.5538

65.2739, 82.3681,
104.5538

433.3053,
502.8781, 596.0669

47.9487, 61.6690,
79.4710

111.5071,
136.6901, 169.5074

33.9974, 44.7653,
58.7596

141.1458,
171.0818, 210.2154

23.0545, 31.2726,
42.0009

175.6197,
210.8064, 256.9688

14.7546, 20.8065,
28.7764

215.2942,
256.2484, 310.1863

8.7326, 12.9826,
18.6676

260.5347,
307.7922, 370.2862

4.6229, 7.4166,
11.2560

311.7065,

2.0602, 3.7240,

365.8222, 437.6873

6.1229

369.1749,
430.7227, 512.8080

■ 0.6674, 1.5204,
2.8500

■ 0.0000, 0.3030,
1.0186

■ 65.2739, 82.3681,
104.5538

■ 65.2739, 82.3681,
104.5538

■ 60.7728, 79.8106,
104.2988

■ 70.7895, 85.4532,
104.8600

■ 57.2156, 77.7385,
104.0863

■ 77.3700, 89.0859,
105.2143

■ 54.5343, 76.1185,
103.9150

■ 85.0713, 93.2971,
105.6213

■ 52.6488, 74.9093,
103.7810

■ 93.6465, 97.9595,
106.0692

■ 51.4640, 74.0622,
103.6799

■ 93.8098, 98.2860,
106.1237

■ 50.8460, 73.5078,
103.6054

■ 93.9734, 98.6134,
106.1782

■ 50.7745, 73.4354,
103.5952

■ 94.1376, 98.9416,
106.2329

■ 94.3022, 99.2708,
106.2878

■ 94.4672, 99.6009,
106.3428

Harmonies

Analogous

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



64.7314, 82.3681, 82.3428



65.2739, 82.3681, 104.5538



69.1711, 82.3681, 125.6426

Triad

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



65.2739, 82.3681, 104.5538



90.0022, 82.3681, 119.7225



80.9551, 82.3681, 54.3918

Complementary

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



65.2739, 82.3681, 104.5538



58.1195, 47.1770, 37.0551

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.



88.1736, 82.3681, 61.3393



65.2739, 82.3681, 104.5538



93.6172, 82.3681, 97.4509

Square

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



65.2739, 82.3681, 104.5538



83.3213, 82.3681, 135.3371



92.9271, 82.3681, 76.2970



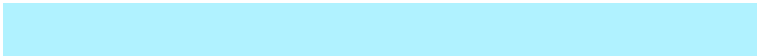
73.4624, 82.3681, 55.6617

Rectangle

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



65.2739, 82.3681, 104.5538



73.2967, 82.3681, 135.1000



92.9271, 82.3681, 76.2970



83.5018, 82.3681, 55.7930

Sweetspot

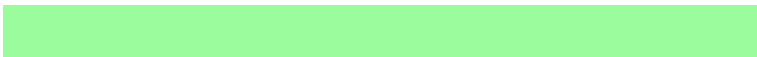
The Sweet Spot groups the original color and five complimentary colors.



65.2763, 82.3713, 104.5557



84.4739, 94.2499, 108.3475



54.3828, 79.0123, 44.1135



17.8569, 20.0509, 23.1790



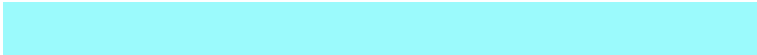
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.2763, 82.3713, 104.5557



63.4760, 82.5863, 107.2030



52.1832, 56.1851, 100.1913



17.7334, 19.5436, 22.2229



26.4629, 38.2814, 53.9679



2.4604, 3.5645, 5.0015

Inverse Universe

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



69.1236, 51.0423, 96.6551



67.9490, 46.4164, 97.9599



67.9222, 66.7824, 40.3227



17.9767, 17.5180, 21.7331



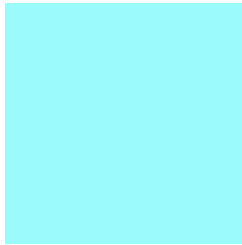
29.6493, 14.2754, 46.9891



2.7508, 1.3241, 4.3772

Previews

White Background



This preview shows how the XYZ color 65.2739, 82.3681, 104.5538 looks on a white background.

Color Contrast Check

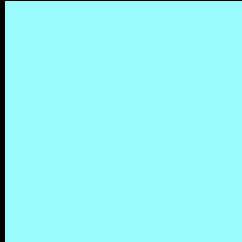
Large Text (above 18pt) WCAG AA × Fail

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 65.2739, 82.3681, 104.5538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

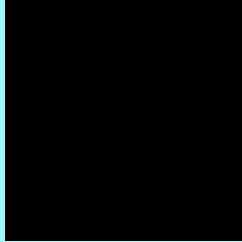
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2739, 82.3681, 104.5538

Background



This preview shows how black text looks on a background with the XYZ color 65.2739, 82.3681, 104.5538.

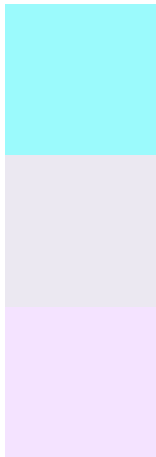


This preview shows how white text looks on a background with the XYZ color 65.2739, 82.3681,

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

65.2739, 82.3681, 104.5538

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

82.8273, 81.3913, 105.9524



Tritanopia

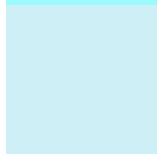
71.5404, 81.9307, 106.6514

Trichromacy



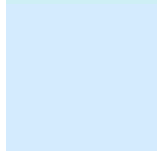
Original Color

65.2739, 82.3681, 104.5538



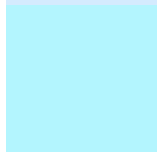
Protanomaly

72.8015, 81.4474, 98.2701



Deuteranomaly

74.7491, 80.5695, 105.3777



Tritanomaly

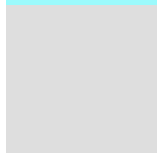
69.1322, 82.0443, 105.9584

Monochromacy



Original Color

65.2739, 82.3681, 104.5538



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.8533, 75.6022, 88.1599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2739, 82.3681, 104.5538 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, 250, 252)` looks like.

```
.text, #text, p{  
    color:rgb(155, 250, 252)  
}
```

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, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 250, 252) }
```

Border

The CSS property to change the border of an element to XYZ 65.2739, 82.3681, 104.5538 is called "border". The border property can be set on classes, ids or directly on the HTML element.

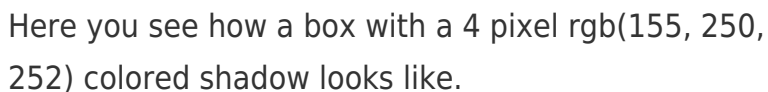
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 250, 252) }
```


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

```
.border{ border-color:rgb(155, 250, 252) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(155, 250,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2739, 82.3681, 104.5538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 250, 252) }
```

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

```
.background{ background-color: rgb(155,  
250, 252) }
```

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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