

Converting Colors

XYZ(75.0194, 111.6236,
98.9163)

Have a look what the booklet for
XYZ(75.0194, 111.6236, 98.9163)
contains.

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Color

**XYZ(60.5459, 82.4978,
94.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	82FFEF
RGB	130, 255, 239
RGB Percent	51%, 100%, 94%
CMY	0.4902, 0.0000, 0.0627
CMYK	0.49, 0.00, 0.06, 0.00
HSL	172°, 100%, 75%
HSV	172°, 49%, 100%
XYZ	60.5459, 82.4978, 94.3939
YIQ	215.8010, -69.3640, -31.4760

Conversions

Conversions Part 2

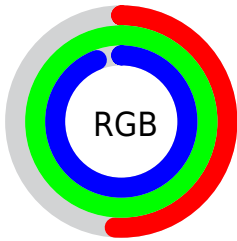
Format	Color
RYB	130, 197, 255
Decimal	8585199
CIELab	92.79, -38.73, -3.13
CIELCh	93, 38.851, 184.617
Yxy	82.4978, 0.2550, 0.3475
Android (android.graphics.Color)	4286775279 (0xFF82FFEF)
YUV	215.8010, 11.4371, -75.2475
Hunter-Lab	90.8283, -39.9619, 1.9623

Details

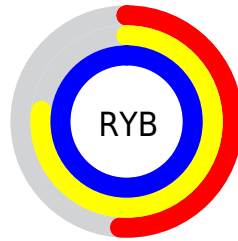
The XYZ color **60.5459, 82.4978, 94.3939** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.4118, 39.3020, 31.9136**, and the grayscale version is **65.0937, 68.4836, 74.5786**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **30.9881, 44.9653, 51.8457** is the 20% darker color. If you saturate the color by 10%, you get **56.6300, 80.5343, 91.7174**, and if you desaturate by 10%, it is **65.4416, 84.9654, 97.1645**.

Distribution



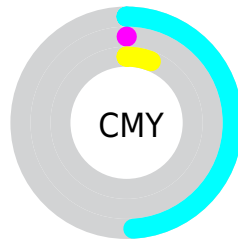
- Red (51%)
- Green (100%)
- Blue (94%)



- Red (51%)
- Yellow (77%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5459, 82.4978, 94.3939 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 60.5459, 82.4978, 94.3939 by changing the saturation by 10% instead.


 60.5459, 82.4978,
94.3939


 60.5459, 82.4978,
94.3939


416.4096,
503.3113, 563.1575


 44.1099, 61.7759,
71.0365


 104.7230,
136.8719, 155.4154

 30.9552, 44.8517,
51.8900


 133.1949,
171.2929, 193.9165

 20.7164, 31.3406,
36.5358


 166.4094,
211.0490, 238.3027

 13.0281, 20.8584,
24.5553

204.7319,
256.5248, 288.9924

 7.5251, 13.0205,
15.5300

248.5279,
308.1045, 346.4042

 3.8418, 7.4427,
9.0415

298.1626,

 1.6130, 3.7405,

366.1725, 410.9566

4.6711

354.0014,
431.1133, 483.0682

■ 0.4009, 1.5295,
2.0003

■ 0.0000, 0.3093,
0.5554

■ 60.5459, 82.4978,
94.3939

■ 60.5459, 82.4978,
94.3939

■ 56.6300, 80.5343,
91.7174

■ 65.4416, 84.9654,
97.1645

■ 53.6178, 79.0357,
89.1271

■ 71.3796, 87.9693,
100.0282

■ 51.4272, 77.9596,
86.6202

■ 78.4206, 91.5408,
102.9894

■ 49.9592, 77.2550,
84.1918

■ 86.6200, 95.7085,
106.0509

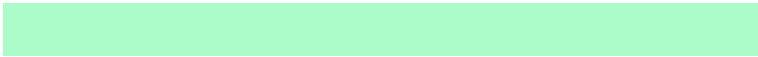
■ 49.0679, 76.8468, 95.0500, 100.0000,
81.8350 108.9000

■ 48.9935, 76.8134,
81.6064

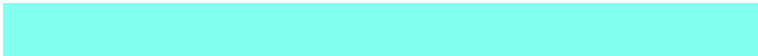
Harmonies

Analogous

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



62.0892, 82.4978, 67.9612



60.5459, 82.4978, 94.3939



63.4415, 82.4978, 125.4109

Triad

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



60.5459, 82.4978, 94.3939



90.0123, 82.4978, 144.0350



87.0663, 82.4978, 48.2469

Complementary

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



60.5459, 82.4978, 94.3939



54.4118, 39.3020, 31.9136

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.



95.5690, 82.4978, 61.7029



60.5459, 82.4978, 94.3939



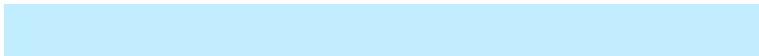
97.3701, 82.4978, 115.9397

Square

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



60.5459, 82.4978, 94.3939



79.9908, 82.4978, 157.7363



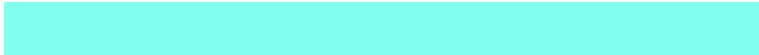
99.4859, 82.4978, 85.4080



76.8535, 82.4978, 44.8873

Rectangle

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



60.5459, 82.4978, 94.3939



67.6594, 82.4978, 143.4490



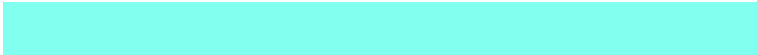
99.4859, 82.4978, 85.4080



90.2467, 82.4978, 51.5721

Sweetspot

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



60.5469, 82.4983, 94.3954



81.5727, 93.1421, 104.2072



51.7633, 79.3045, 33.6999



17.1009, 19.7538, 22.1674



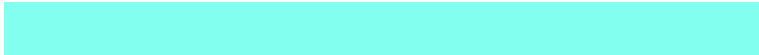
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.5469, 82.4983, 94.3954



56.6361, 80.5373, 91.7221



50.0985, 57.6499, 103.0948



18.4489, 20.4391, 22.6669



25.6393, 40.1523, 42.8476



2.5232, 3.9202, 4.3128

Inverse Universe

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



54.4118, 39.3020, 31.9136



49.8717, 32.7221, 22.6920



60.7629, 53.8584, 28.3140



18.1040, 18.0249, 19.1647



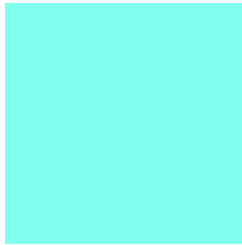
21.7187, 11.1768, 1.9031



2.1428, 1.0995, 0.3336

Previews

White Background



This preview shows how the XYZ color 60.5459, 82.4978, 94.3939 looks on a white background.

Color Contrast Check

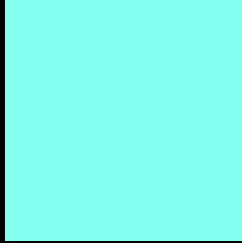
Large Text (above 18pt) WCAG AA × Fail

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 60.5459, 82.4978, 94.3939 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 60.5459, 82.4978, 94.3939

Background



This preview shows how black text looks on a background with the XYZ color 60.5459, 82.4978, 94.3939.

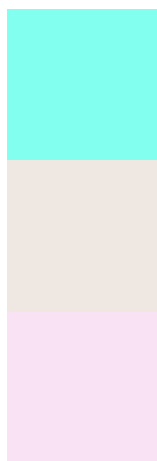


This preview shows how white text looks on a background with the XYZ color 60.5459, 82.4978,

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

60.5459, 82.4978, 94.3939

Protanopia

78.1807, 81.5549, 83.5726

Deuteranopia

83.1021, 81.3093, 97.7005



Tritanopia

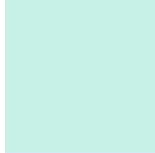
70.5941, 81.8860, 106.6926

Trichromacy



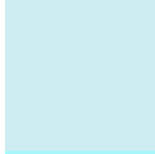
Original Color

60.5459, 82.4978, 94.3939



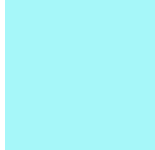
Protanomaly

69.1371, 80.2318, 87.4437



Deuteranomaly

71.9154, 80.1612, 96.4763



Tritanomaly

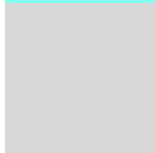
66.0855, 81.4681, 101.8644

Monochromacy



Original Color

60.5459, 82.4978, 94.3939



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

61.7589, 72.2897, 81.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5459, 82.4978, 94.3939 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(130, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 239)  
}
```

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(130, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 60.5459, 82.4978, 94.3939 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(130, 255, 239) }
```


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

```
.border{ border-color:rgb(130, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5459, 82.4978, 94.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 239) }
```

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

```
.background{ background-color: rgb(130,  
255, 239) }
```

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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