

Converting Colors

XYZ(59.2204, 81.9152, 89.7808)

Have a look what the booklet for
XYZ(59.2204, 81.9152, 89.7808)
contains.

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Color

**XYZ(59.2204, 81.9152,
89.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	7FFFE9
RGB	127, 255, 233
RGB Percent	50%, 100%, 91%
CMY	0.5019, 0.0000, 0.0863
CMYK	0.50, 0.00, 0.09, 0.00
HSL	170°, 100%, 75%
HSV	170°, 50%, 100%
XYZ	59.2204, 81.9152, 89.7808
YIQ	214.2200, -69.2260, -33.9780

Conversions

Conversions Part 2

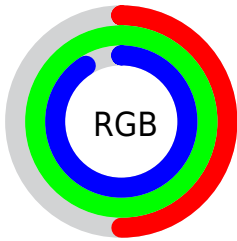
Format	Color
RYB	127, 197, 255
Decimal	8388585
CIELab	92.54, -40.78, -0.41
CIELCh	93, 40.784, 180.578
Yxy	81.9152, 0.2565, 0.3547
Android (android.graphics.Color)	4286578665 (0xFF7FFFE9)
YUV	214.2200, 9.2585, -76.4919
Hunter-Lab	90.5070, -41.5915, 4.5406

Details

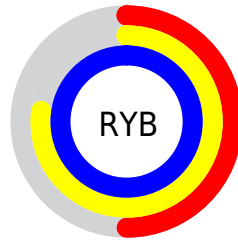
The XYZ color **59.2204, 81.9152, 89.7808** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **54.2551, 38.6101, 33.0280**, and the grayscale version is **64.0380, 67.3730, 73.3692**.

A 20% lighter version of the original color is **74.3035, 89.3048, 107.9291**, and **30.1165, 44.5866, 48.6137** is the 20% darker color. If you saturate the color by 10%, you get **55.2733, 79.9518, 86.3694**, and if you desaturate by 10%, it is **64.1459, 84.3812, 93.3220**.

Distribution



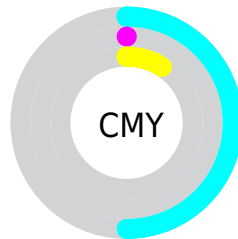
- Red (50%)
- Green (100%)
- Blue (91%)



- Red (50%)
- Yellow (77%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2204, 81.9152, 89.7808 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 59.2204, 81.9152, 89.7808 by changing the saturation by 10% instead.

59.2204, 81.9152,
89.7808

59.2204, 81.9152,
89.7808

411.5991,
501.3640, 547.8692

43.0376, 61.2956,
67.2262

102.8107,
136.0551, 148.9667

30.1093, 44.4638,
48.8057

130.9490,
170.3442, 186.4351

20.0700, 31.0353,
34.1009

163.8031,
209.9586, 229.7118

12.5545, 20.6257,
22.6931

201.7384,
255.2827, 279.2154

7.1974, 12.8507,
14.1639

245.1203,
306.7009, 335.3644

3.6333, 7.3258,
8.0947

294.3142,

1.4968, 3.6667,

364.5976, 398.5773

4.0670

349.6853,
429.3572, 469.2728

■ 0.3237, 1.4889,
1.6622

■ 0.0000, 0.2809,
0.3346

■ 59.2204, 81.9152,
89.7808

■ 59.2204, 81.9152,
89.7808

■ 55.2733, 79.9518,
86.3694

■ 64.1459, 84.3812,
93.3220

■ 52.2276, 78.4514,
83.0794

■ 70.1133, 87.3824,
96.9923

■ 49.9994, 77.3706,
79.9077

■ 77.1839, 90.9505,
100.7965

■ 48.4875, 76.6573,
76.8489

■ 85.4136, 95.1144,
104.7379

■ 47.5397, 76.2319,
73.9511

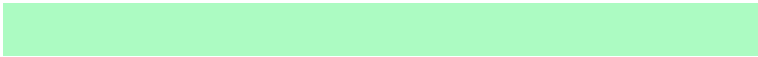
94.8544, 99.9008,
108.8194

95.0500, 100.0000,
108.9000

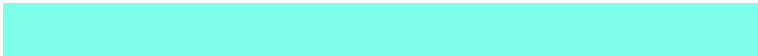
Harmonies

Analogous

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



61.4349, 81.9152, 63.5023



59.2204, 81.9152, 89.7808



61.6103, 81.9152, 122.2671

Triad

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



59.2204, 81.9152, 89.7808



88.6822, 81.9152, 149.4068



88.2951, 81.9152, 47.4302

Complementary

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



59.2204, 81.9152, 89.7808



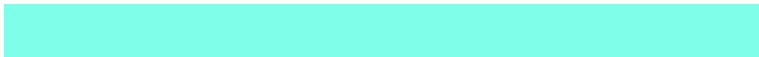
54.2551, 38.6101, 33.0280

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.



96.7369, 81.9152, 62.6940



59.2204, 81.9152, 89.7808



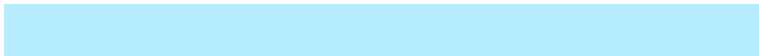
96.9743, 81.9152, 121.0151

Square

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



59.2204, 81.9152, 89.7808



78.0634, 81.9152, 161.1345



100.0452, 81.9152, 88.6052



77.6529, 81.9152, 42.6644

Rectangle

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



59.2204, 81.9152, 89.7808



65.6301, 81.9152, 142.2486



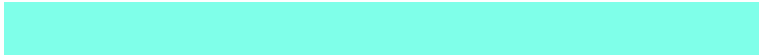
100.0452, 81.9152, 88.6052



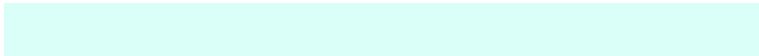
91.5174, 81.9152, 51.3027

Sweetspot

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



59.2214, 81.9157, 89.7823



81.3105, 93.0372, 102.8264



52.2556, 79.5812, 32.6869



17.0371, 19.7283, 21.8318



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

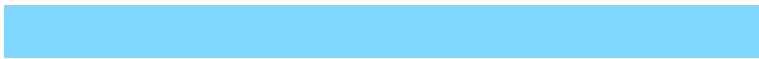
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.2214, 81.9157, 89.7823



55.3411, 79.9854, 86.4345



50.9684, 60.0629, 103.5147



18.4129, 20.4247, 22.4775



24.8897, 39.8525, 38.9002



2.4572, 3.8938, 3.9654

Inverse Universe

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



54.2551, 38.6101, 33.0280



49.9071, 32.3291, 24.1340



58.9883, 50.6269, 26.7433



18.1368, 18.0380, 19.3373



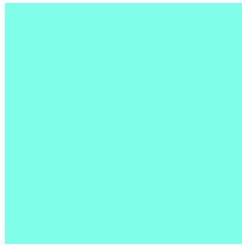
21.8215, 11.2179, 2.4444



2.1583, 1.1057, 0.4150

Previews

White Background



This preview shows how the XYZ color 59.2204, 81.9152, 89.7808 looks on a white background.

Color Contrast Check

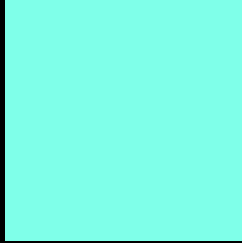
Large Text (above 18pt) WCAG AA × Fail

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 59.2204, 81.9152, 89.7808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

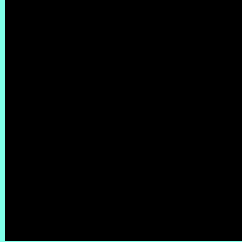
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

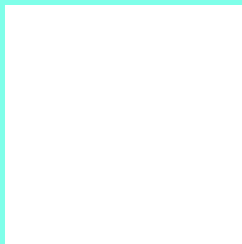
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2204, 81.9152, 89.7808

Background



This preview shows how black text looks on a background with the XYZ color 59.2204, 81.9152, 89.7808.

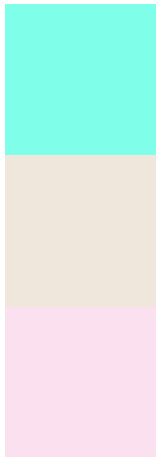


This preview shows how white text looks on a background with the XYZ color 59.2204, 81.9152,

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

59.2204, 81.9152, 89.7808

Protanopia

77.0908, 80.6699, 79.2179

Deuteranopia

82.2889, 80.5917, 92.8800



Tritanopia

69.8678, 81.5115, 106.6586

Trichromacy



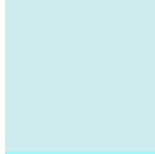
Original Color

59.2204, 81.9152, 89.7808



Protanomaly

68.0394, 79.7622, 83.0437



Deuteranomaly

70.7351, 79.2271, 91.6850



Tritanomaly

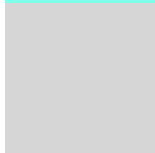
65.1535, 81.0235, 100.2008

Monochromacy



Original Color

59.2204, 81.9152, 89.7808



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.3619, 71.2042, 78.9690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2204, 81.9152, 89.7808 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(127, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(127, 255, 233)  
}
```

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(127, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 255, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.2204, 81.9152, 89.7808 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(127, 255, 233) }
```


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

```
.border{ border-color:rgb(127, 255, 233) }
```

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

Here you see how a box with a 4 pixel rgb(127, 255, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(127, 255,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2204, 81.9152, 89.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 255, 233) }
```

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

```
.background{ background-color: rgb(127,  
255, 233) }
```

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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