

Converting Colors

XYZ(58.9846, 79.4076, 97.2276)

Have a look what the booklet for
XYZ(58.9846, 79.4076, 97.2276)
contains.

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Color

**XYZ(58.8207, 79.2023,
96.9814)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFAF3
RGB	125, 250, 243
RGB Percent	49%, 98%, 95%
CMY	0.5098, 0.0196, 0.0471
CMYK	0.50, 0.00, 0.03, 0.02
HSL	177°, 93%, 74%
HSV	177°, 50%, 98%
XYZ	58.8207, 79.2023, 96.9814
YIQ	211.8270, -72.2530, -28.6770

Conversions

Conversions Part 2

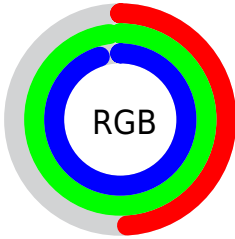
Format	Color
RYB	125, 189, 250
Decimal	8256243
CIELab	91.33, -36.52, -7.39
CIELCh	91, 37.261, 191.432
Yxy	79.2023, 0.2503, 0.3370
Android (android.graphics.Color)	4286446323 (0xFF7DFAF3)
YUV	211.8270, 15.3683, -76.1473
Hunter-Lab	88.9957, -37.7648, -2.3132

Details

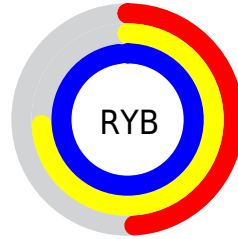
The XYZ color **58.8207, 79.2023, 96.9814** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.9255, 36.6594, 26.2244**, and the grayscale version is **62.4021, 65.6518, 71.4948**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **29.8432, 42.6576, 53.6745** is the 20% darker color. If you saturate the color by 10%, you get **55.4101, 77.4703, 95.7235**, and if you desaturate by 10%, it is **63.1559, 81.4145, 98.2944**.

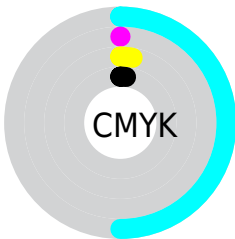
Distribution



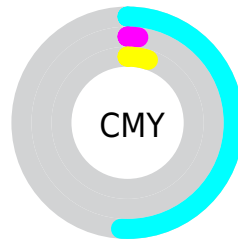
- Red (49%)
- Green (98%)
- Blue (95%)



- Red (49%)
- Yellow (74%)
- Blue (98%)



- Cyan (50%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (51%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8207, 79.2023, 96.9814 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 58.8207, 79.2023, 96.9814 by changing the saturation by 10% instead.

58.8207, 79.2023,
96.9814

58.8207, 79.2023,
96.9814

410.1419,
492.2405, 571.6345

42.7146, 59.0622,
73.1792

102.2331,
132.2436, 159.0182

29.8548, 42.6632,
53.6298

130.2702,
165.9136, 198.0899

19.8759, 29.6209,
37.9146

163.0150,
204.8623, 243.0886

12.4126, 19.5510,
25.6151

200.8328,
249.4741, 294.4327

7.0995, 12.0691,
16.3127

244.0891,
300.1334, 352.5408

3.5713, 6.7908,
9.5890

293.1491,

1.4626, 3.3316,

357.2247, 417.8314

5.0253

348.3782,
421.1322, 490.7232

■ 0.3002, 1.3072,
2.2031

■ 0.0000, 0.1468,
0.6762

■ 58.8207, 79.2023,
96.9814

■ 58.8207, 79.2023,
96.9814

■ 55.4101, 77.4703,
95.7235

■ 63.1559, 81.4145,
98.2944

■ 52.8469, 76.1731,
94.5120

■ 68.4717, 84.1302,
99.6601


■ 51.0530, 75.2722,
93.3448

■ 74.8279, 87.3820,
101.0829


■ 49.9324, 74.7184,
92.2176


■ 82.2775, 91.1973,
102.5653


 49.3271, 74.4299,
91.1228


 90.8698, 95.6016,
104.1097

 49.3271, 74.4299,
91.1226

 92.9034, 96.6245,
105.3557

 93.1256, 96.7133,
106.5254

 93.3493, 96.8028,
107.7038

 93.4769, 96.8539,
108.3756

Harmonies

Analogous

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



59.3191, 79.2023, 70.6905



58.8207, 79.2023, 96.9814



62.4486, 79.2023, 125.5087

Triad

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



58.8207, 79.2023, 96.9814



87.9695, 79.2023, 131.4887



81.2214, 79.2023, 45.6809

Complementary

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



58.8207, 79.2023, 96.9814



50.9255, 36.6594, 26.2244

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.



89.7573, 79.2023, 56.1540



58.8207, 79.2023, 96.9814



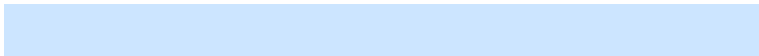
93.8728, 79.2023, 103.9125

Square

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



58.8207, 79.2023, 96.9814



78.9428, 79.2023, 148.0403



94.5532, 79.2023, 76.3186



71.7311, 79.2023, 44.5911

Rectangle

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



58.8207, 79.2023, 96.9814



66.9117, 79.2023, 140.5589



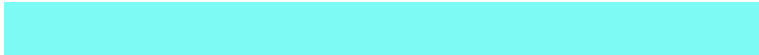
94.5532, 79.2023, 76.3186



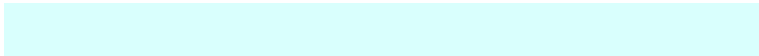
84.3172, 79.2023, 48.0993

Sweetspot

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



58.8230, 79.2054, 96.9833



82.0079, 93.3162, 106.4988



47.6153, 74.8688, 31.3453



17.2068, 19.7962, 22.7254



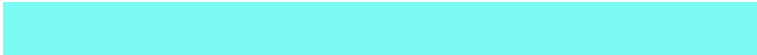
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.8230, 79.2054, 96.9833



57.9400, 81.0250, 100.1199



45.4176, 50.6695, 97.8324



17.7214, 19.5908, 21.9992



26.1820, 39.4858, 48.4290



2.4374, 3.6620, 4.5510

Inverse Universe

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



50.9255, 36.6594, 26.2244



48.8370, 31.9010, 18.4989



59.2823, 54.1145, 26.7244



17.2840, 17.2410, 18.0854



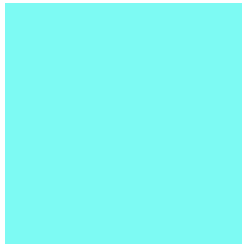
20.9699, 10.8037, 1.2838



1.9556, 1.0060, 0.1896

Previews

White Background



This preview shows how the XYZ color 58.8207, 79.2023, 96.9814 looks on a white background.

Color Contrast Check

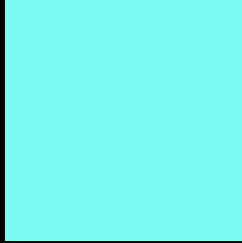
Large Text (above 18pt) WCAG AA × Fail

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 58.8207, 79.2023, 96.9814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

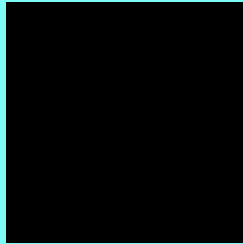
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8207, 79.2023, 96.9814

Background



This preview shows how black text looks on a background with the XYZ color 58.8207, 79.2023, 96.9814.

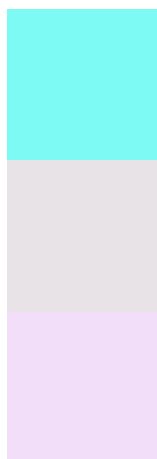


This preview shows how white text looks on a background with the XYZ color 58.8207, 79.2023,

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

58.8207, 79.2023, 96.9814

Protanopia

75.0307, 77.8071, 85.9266

Deuteranopia

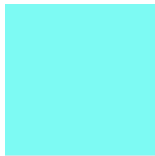
79.8381, 77.9594, 100.4623



Tritanopia

66.2999, 78.7885, 106.3211

Trichromacy



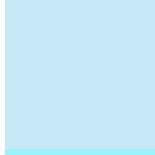
Original Color

58.8207, 79.2023, 96.9814



Protanomaly

66.6960, 76.7523, 89.8967



Deuteranomaly

69.1983, 76.5707, 99.1282



Tritanomaly

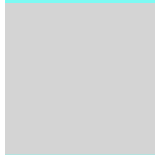
63.0897, 78.5364, 103.1007

Monochromacy



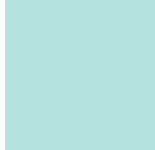
Original Color

58.8207, 79.2023, 96.9814



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.3380, 69.4237, 80.0847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8207, 79.2023, 96.9814 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(125, 250, 243)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 243)  
}
```

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(125, 250, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 243) }
```

Border

The CSS property to change the border of an element to XYZ 58.8207, 79.2023, 96.9814 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(125, 250, 243) }
```


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

```
.border{ border-color:rgb(125, 250, 243) }
```

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

Here you see how a box with a 4 pixel rgb(125, 250, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 243);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8207, 79.2023, 96.9814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 250, 243) }
```

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

```
.background{ background-color: rgb(125,  
250, 243) }
```

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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