

Converting Colors

XYZ(59.0174, 79.2867, 98.0097)

Have a look what the booklet for
XYZ(59.0174, 79.2867, 98.0097)
contains.

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Color

**XYZ(58.9722, 79.2628,
97.7790)**

Conversions

Conversions Part 1

Format	Color
Hex	7DFAF4
RGB	125, 250, 244
RGB Percent	49%, 98%, 96%
CMY	0.5098, 0.0196, 0.0431
CMYK	0.50, 0.00, 0.02, 0.02
HSL	177°, 93%, 74%
HSV	177°, 50%, 98%
XYZ	58.9722, 79.2628, 97.7790
YIQ	211.9410, -72.5740, -28.3660

Conversions

Conversions Part 2

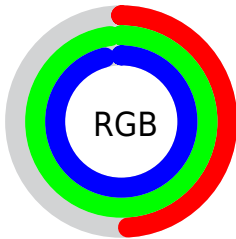
Format	Color
RYB	125, 189, 250
Decimal	8256244
CIELab	91.35, -36.27, -7.86
CIELCh	91, 37.117, 192.233
Yxy	79.2628, 0.2499, 0.3358
Android (android.graphics.Color)	4286446324 (0xFF7DFAF4)
YUV	211.9410, 15.8051, -76.2473
Hunter-Lab	89.0297, -37.5656, -2.7959

Details

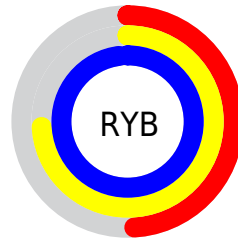
The XYZ color **58.9722, 79.2628, 97.7790** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **50.8574, 36.6323, 25.8659**, and the grayscale version is **62.4751, 65.7287, 71.5785**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **29.9507, 42.7006, 54.2404** is the 20% darker color. If you saturate the color by 10%, you get **55.5906, 77.5424, 96.6739**, and if you desaturate by 10%, it is **63.2780, 81.4633, 98.9370**.

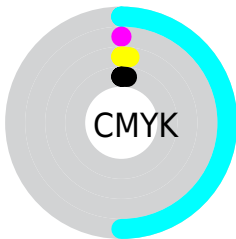
Distribution



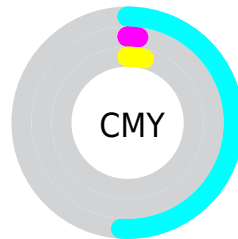
- Red (49%)
- Green (98%)
- Blue (96%)



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



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



- Cyan (51%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9722, 79.2628, 97.7790 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 58.9722, 79.2628, 97.7790 by changing the saturation by 10% instead.

58.9722, 79.2628,
97.7790

58.9722, 79.2628,
97.7790

410.6946,
492.4449, 574.2339

42.8370, 59.1119,
73.8405

102.4521,
132.3288, 160.1268

29.9512, 42.7032,
54.1675

130.5276,
166.0126, 199.3732

19.9495, 29.6523,
38.3415

163.3138,
204.9763, 244.5593

12.4664, 19.5748,
25.9440

201.1762,
249.6041, 296.1036

7.1366, 12.0864,
16.5563

244.4802,
300.2805, 354.4246

3.5948, 6.8025,
9.7601

293.5910,

1.4755, 3.3389,

357.3898, 419.9410

5.1367

348.8740,
421.3165, 493.0713

■ 0.3091, 1.3111,
2.2675

■ 0.0000, 0.1498,
0.7129

■ 58.9722, 79.2628,
97.7790

■ 58.9722, 79.2628,
97.7790

■ 55.5906, 77.5424,
96.6739

■ 63.2780, 81.4633,
98.9370

■ 53.0560, 76.2566,
95.6130


■ 68.5640, 84.1670,
100.1453


■ 51.2902, 75.3670,
94.5941


■ 74.8899, 87.4067,
101.4086


■ 50.1974, 74.8242,
93.6130


■ 82.3088, 91.2098,
102.7292


 49.6194, 74.5467,
92.6620

 90.8700, 95.6015,
104.1095

 49.6193, 74.5467,
92.6619

 92.8717, 96.6117,
105.1891

 93.0618, 96.6877,
106.1902

 93.2531, 96.7642,
107.1976

 93.4457, 96.8412,
108.2114

Harmonies

Analogous

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



59.3578, 79.2628, 71.4102



58.9722, 79.2628, 97.7790



62.6954, 79.2628, 126.1167

Triad

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



58.9722, 79.2628, 97.7790



88.1910, 79.2628, 130.7365



81.0054, 79.2628, 45.7012

Complementary

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



58.9722, 79.2628, 97.7790



50.8574, 36.6323, 25.8659

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.



89.5729, 79.2628, 55.8983



58.9722, 79.2628, 97.7790



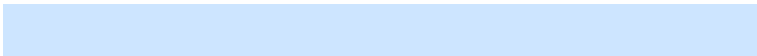
93.9536, 79.2628, 103.1361

Square

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



58.9722, 79.2628, 97.7790



79.2439, 79.2628, 147.6385



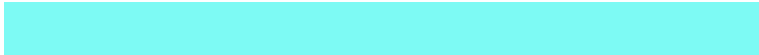
94.4794, 79.2628, 75.7633



71.5605, 79.2628, 44.8572

Rectangle

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



58.9722, 79.2628, 97.7790



67.2027, 79.2628, 140.8791



94.4794, 79.2628, 75.7633



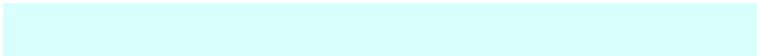
84.1023, 79.2628, 48.0321

Sweetspot

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



58.9745, 79.2659, 97.7809



82.0567, 93.3357, 106.7557



47.2886, 74.7003, 31.3302



17.2187, 19.8010, 22.7880



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.



58.9745, 79.2659, 97.7809



58.1290, 81.1006, 101.1152



44.9515, 49.7373, 97.6768



17.7277, 19.5934, 22.0326



26.3346, 39.5468, 49.2327



2.4498, 3.6670, 4.6166

Inverse Universe

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



50.8574, 36.6323, 25.8659



48.7704, 31.8744, 18.1480



59.7036, 54.9571, 26.8650



17.2784, 17.2387, 18.0558



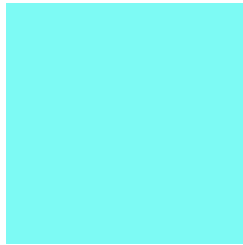
20.9616, 10.8003, 1.2401



1.9529, 1.0049, 0.1754

Previews

White Background



This preview shows how the XYZ color 58.9722, 79.2628, 97.7790 looks on a white background.

Color Contrast Check

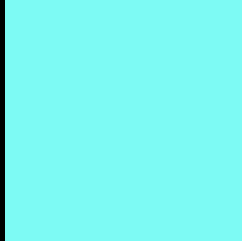
Large Text (above 18pt) WCAG AA × Fail

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 58.9722, 79.2628, 97.7790 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 58.9722, 79.2628, 97.7790

Background



This preview shows how black text looks on a background with the XYZ color 58.9722, 79.2628, 97.7790.

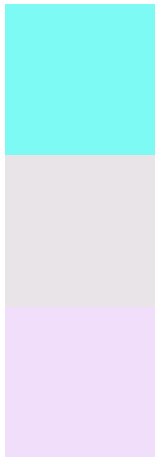


This preview shows how white text looks on a background with the XYZ color 58.9722, 79.2628,

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

58.9722, 79.2628, 97.7790

Protanopia

75.4459, 78.4121, 86.7599

Deuteranopia

79.6522, 77.8455, 101.2700



Tritanopia

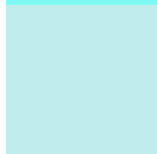
66.2999, 78.7885, 106.3211

Trichromacy



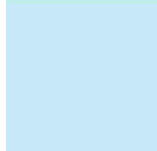
Original Color

58.9722, 79.2628, 97.7790



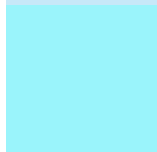
Protanomaly

67.1281, 77.3845, 90.7556



Deuteranomaly

69.3531, 76.6327, 99.9432



Tritanomaly

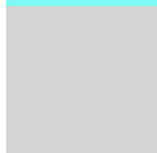
63.0897, 78.5364, 103.1007

Monochromacy



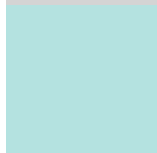
Original Color

58.9722, 79.2628, 97.7790



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

59.4733, 69.4778, 80.7970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9722, 79.2628, 97.7790 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(125, 250, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 250, 244) }
```

Border

The CSS property to change the border of an element to XYZ 58.9722, 79.2628, 97.7790 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, 244) }
```


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

```
.border{ border-color:rgb(125, 250, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 250, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 250, 244);  
box-shadow:4px 4px 4px 4px rgb(125, 250,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9722, 79.2628, 97.7790 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, 244) }
```

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

```
.background{ background-color: rgb(125,  
250, 244) }
```

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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