

Converting Colors

XYZ(58.2813, 78.0473, 74.2802)

Have a look what the booklet for
XYZ(58.2813, 78.0473, 74.2802)
contains.

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Color

**XYZ(58.2813, 78.0473,
74.2802)**

Conversions

Conversions Part 1

Format	Color
Hex	99F7D4
RGB	153, 247, 212
RGB Percent	60%, 97%, 83%
CMY	0.4000, 0.0314, 0.1686
CMYK	0.38, 0.00, 0.14, 0.03
HSL	158°, 85%, 78%
HSV	158°, 38%, 97%
XYZ	58.2813, 78.0473, 74.2802
YIQ	214.9040, -44.7890, -30.8130

Conversions

Conversions Part 2

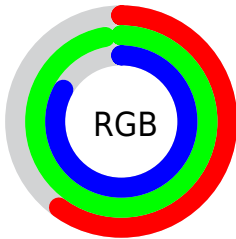
Format	Color
RYB	153, 211, 247
Decimal	10090452
CIELab	90.80, -35.57, 8.08
CIELCh	91, 36.474, 167.205
Yxy	78.0473, 0.2767, 0.3706
Android (android.graphics.Color)	4288280532 (0xFF99F7D4)
YUV	214.9040, -1.4317, -54.2898
Hunter-Lab	88.3444, -36.8452, 11.9899

Details

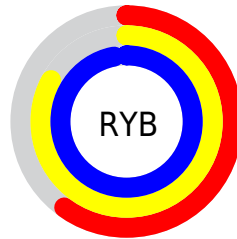
The XYZ color **58.2813, 78.0473, 74.2802** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.8288, 46.1895, 53.3949**, and the grayscale version is **64.5592, 67.9213, 73.9663**.

A 20% lighter version of the original color is **80.3883, 92.4416, 108.2138**, and **29.4290, 41.8026, 38.4159** is the 20% darker color. If you saturate the color by 10%, you get **52.9660, 75.4395, 68.1474**, and if you desaturate by 10%, it is **64.6320, 81.1853, 80.8099**.

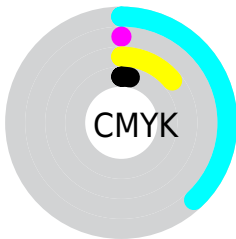
Distribution



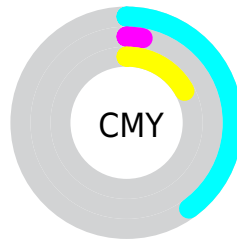
- Red (60%)
- Green (97%)
- Blue (83%)



- Red (60%)
- Yellow (83%)
- Blue (97%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (3%)





- Cyan (40%)
- Magenta (3%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2813, 78.0473, 74.2802 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 58.2813, 78.0473, 74.2802 by changing the saturation by 10% instead.


 58.2813, 78.0473,
74.2802


 58.2813, 78.0473,
74.2802


408.1703,
488.3274, 494.6291

 42.2790, 58.1128,
54.5252

 101.4530,
130.6168, 127.0306

 29.5119, 41.8994,
38.6257


 129.3531,
164.0206, 160.8632

 19.6146, 29.0225,
26.1631


161.9498,
202.6830, 200.2253

 12.2218, 19.0978,
16.7188

199.6085,
246.9884, 245.5356

 6.9682, 11.7410,
9.8744

242.6945,
297.3211, 297.2126

 3.4884, 6.5676,
5.2112


291.5733,


 1.4170, 3.1932,


354.0656, 355.6748


2.3108


346.6101,
417.6063, 421.3408


 0.2683, 1.2334,
0.7373


 0.0000, 0.0887,
0.0000


 58.2813, 78.0473,
74.2802


 58.2813, 78.0473,
74.2802


 52.9660, 75.4395,
68.1474


 64.6320, 81.1853,
80.8099


 48.6185, 73.3210,
62.3976

 72.0674, 84.8728,
87.7392

 45.1731, 71.6603,
57.0236

 80.6416, 89.1394,
95.0779

 42.5530, 70.4176,
52.0158

 90.4028, 94.0099,
102.8335

■ 40.6674, 69.5466,
47.3637

■ 92.5522, 95.0043,
108.0674

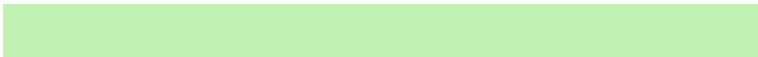
■ 39.3924, 68.9834,
43.0553

■ 39.1810, 68.8919,
42.2557

Harmonies

Analogous

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



61.9808, 78.0473, 55.0826



58.2813, 78.0473, 74.2802



58.5808, 78.0473, 100.8094

Triad

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



58.2813, 78.0473, 74.2802



79.5203, 78.0473, 142.9217



86.8171, 78.0473, 53.0502

Complementary

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



58.2813, 78.0473, 74.2802



58.8288, 46.1895, 53.3949

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.



92.3320, 78.0473, 70.9014



58.2813, 78.0473, 74.2802



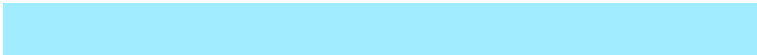
87.8869, 78.0473, 124.1112

Square

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



58.2813, 78.0473, 74.2802



70.3448, 78.0473, 144.3487



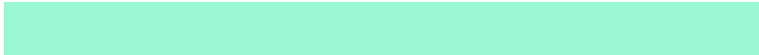
92.7390, 78.0473, 96.6614



78.1555, 78.0473, 44.6356

Rectangle

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



58.2813, 78.0473, 74.2802



61.0054, 78.0473, 119.3180



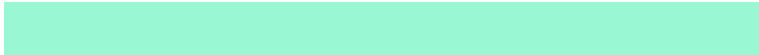
92.7390, 78.0473, 96.6614



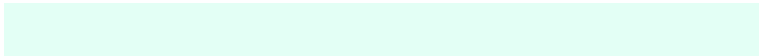
89.1304, 78.0473, 57.9568

Sweetspot

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



58.2835, 78.0505, 74.2820



83.8364, 94.4082, 99.8346



60.0076, 79.6479, 42.3491



17.6716, 20.0714, 21.1376



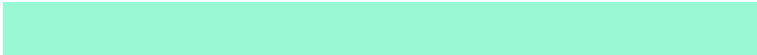
0.0000, 0.0000, 0.0000



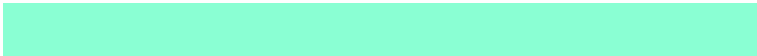
20.3446, 21.4041, 23.3091

Same Dimension

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



58.2835, 78.0505, 74.2820



57.9899, 81.6170, 74.5371



59.9329, 73.5009, 99.0277



16.7197, 18.6470, 19.8085



20.7917, 36.4615, 22.7207



1.8770, 3.2245, 2.2582

Inverse Universe

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



58.8288, 46.1895, 53.3949



58.6648, 42.7027, 49.0702



57.3794, 48.6151, 36.4976



16.7543, 16.5846, 18.4527



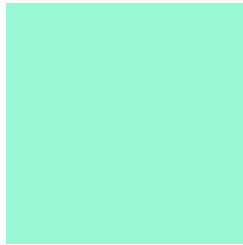
21.3702, 10.8915, 6.6576



1.9262, 0.9765, 0.8379

Previews

White Background



This preview shows how the XYZ color 58.2813, 78.0473, 74.2802 looks on a white background.

Color Contrast Check

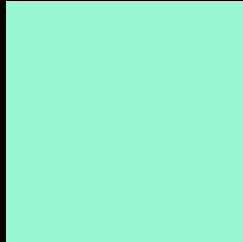
Large Text (above 18pt) WCAG AA × Fail

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 58.2813, 78.0473, 74.2802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

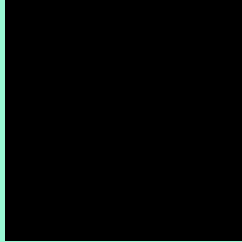
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2813, 78.0473, 74.2802

Background



This preview shows how black text looks on a background with the XYZ color 58.2813, 78.0473, 74.2802.



This preview shows how white text looks on a background with the XYZ color 58.2813, 78.0473,

74.2802.

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

58.2813, 78.0473, 74.2802

Protanopia

73.2716, 77.3324, 66.3232

Deuteranopia

78.7561, 77.1310, 77.0665



Tritanopia

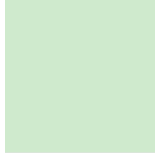
66.5290, 77.5992, 106.0794

Trichromacy



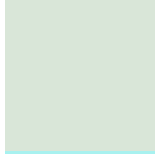
Original Color

58.2813, 78.0473, 74.2802



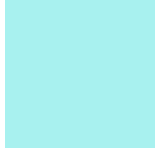
Protanomaly

66.1744, 76.5188, 69.0395



Deuteranomaly

69.3068, 76.3032, 76.0409



Tritanomaly

63.1837, 77.4674, 93.2839

Monochromacy



Original Color

58.2813, 78.0473, 74.2802



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.3449, 70.9997, 74.0894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2813, 78.0473, 74.2802 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(153, 247, 212)` looks like.

```
.text, #text, p{  
    color:rgb(153, 247, 212)  
}
```

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(153, 247, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 247, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.2813, 78.0473, 74.2802 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(153, 247, 212) }
```


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

```
.border{ border-color:rgb(153, 247, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 247, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 247, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 247, 212);  
box-shadow:4px 4px 4px 4px rgb(153, 247,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2813, 78.0473, 74.2802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 247, 212) }
```

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

```
.background{ background-color: rgb(153,  
247, 212) }
```

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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