

Converting Colors

XYZ(57.3472, 77.8266, 70.0573)

Have a look what the booklet for
XYZ(57.3472, 77.8266, 70.0573)
contains.

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Color

**XYZ(57.2291, 77.6047,
69.7205)**

Conversions

Conversions Part 1

Format	Color
Hex	98F7CD
RGB	152, 247, 205
RGB Percent	60%, 97%, 80%
CMY	0.4039, 0.0314, 0.1961
CMYK	0.38, 0.00, 0.17, 0.03
HSL	153°, 86%, 78%
HSV	153°, 38%, 97%
XYZ	57.2291, 77.6047, 69.7205
YIQ	213.8070, -43.1380, -33.2020

Conversions

Conversions Part 2

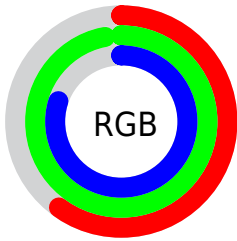
Format	Color
RYB	152, 213, 247
Decimal	10024909
CIELab	90.60, -37.27, 11.41
CIElCh	91, 38.975, 162.981
Yxy	77.6047, 0.2798, 0.3794
Android (android.graphics.Color)	4288214989 (0xFF98F7CD)
YUV	213.8070, -4.3419, -54.2047
Hunter-Lab	88.0935, -38.2029, 14.7412

Details

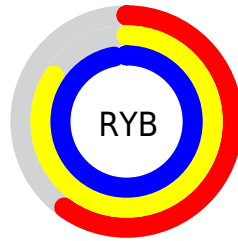
The XYZ color **57.2291, 77.6047, 69.7205** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.3262, 46.1276, 56.8187**, and the grayscale version is **63.8375, 67.1620, 73.1395**.

A 20% lighter version of the original color is **80.1045, 92.2953, 108.2006**, and **28.8232, 41.5481, 35.7786** is the 20% darker color. If you saturate the color by 10%, you get **51.8064, 74.9583, 62.8247**, and if you desaturate by 10%, it is **63.7107, 80.7905, 77.1495**.

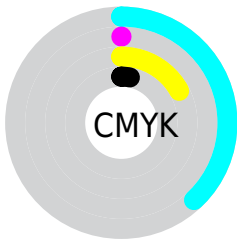
Distribution



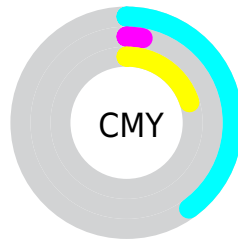
- Red (60%)
- Green (97%)
- Blue (80%)



- Red (60%)
- Yellow (84%)
- Blue (97%)



- Cyan (38%)
- Magenta (0%)
- Yellow (17%)
- Black (3%)





- Cyan (40%)
- Magenta (3%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2291, 77.6047, 69.7205 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 57.2291, 77.6047, 69.7205 by changing the saturation by 10% instead.


 57.2291, 77.6047,
69.7205


 57.2291, 77.6047,
69.7205


404.3075,
486.8233, 478.3306

 41.4301, 57.7493,
50.8233


 99.9288, 129.9927,
120.4875

 28.8444, 41.6071,
35.6923


 127.5602,
163.2941, 153.1943

 19.1069, 28.7938,
23.9088


159.8665,
201.8464, 191.3415

 11.8520, 18.9249,
15.0544

197.2129,
246.0338, 235.3474

 6.7144, 11.6160,
8.7105

239.9648,
296.2408, 285.6308

 3.3289, 6.4828,
4.4586


288.4877,


 1.3300, 3.1408,


352.8518, 342.6101


1.8802


343.1468,
416.2512, 406.7039

 0.2055, 1.2057,
0.4801

 0.0000, 0.0663,
0.0000

 57.2291, 77.6047,
69.7205


 57.2291, 77.6047,
69.7205


 51.8064, 74.9583,
62.8247


 63.7107, 80.7905,
77.1495


 47.3741, 72.8100,
56.4443

 71.3017, 84.5352,
85.1186

 43.8654, 71.1277,
50.5677

 80.0568, 88.8691,
93.6412

 41.2022, 69.8712,
45.1810

 90.0251, 93.8172,
102.7285

■ 39.2920, 68.9932,
40.2689

■ 92.5522, 95.0043,
108.0674

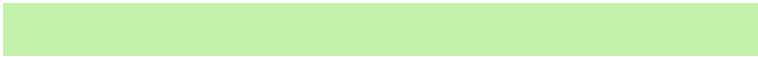
■ 38.0050, 68.4270,
35.8143

■ 37.8350, 68.3535,
35.1676

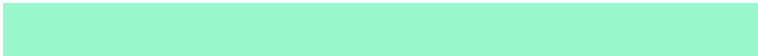
Harmonies

Analogous

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



61.6900, 77.6047, 50.9566



57.2291, 77.6047, 69.7205



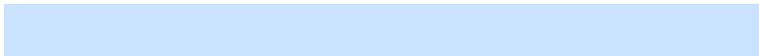
56.9405, 77.6047, 97.1576

Triad

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



57.2291, 77.6047, 69.7205



78.0580, 77.6047, 148.4515



88.3628, 77.6047, 52.8927

Complementary

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



57.2291, 77.6047, 69.7205



59.3262, 46.1276, 56.8187

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.



93.6051, 77.6047, 72.9894



57.2291, 77.6047, 69.7205



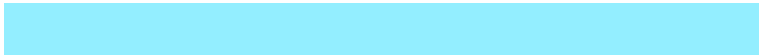
87.3119, 77.6047, 130.2426

Square

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



57.2291, 77.6047, 69.7205



68.4023, 77.6047, 147.0285



93.2043, 77.6047, 101.2294



79.3924, 77.6047, 42.8145

Rectangle

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



57.2291, 77.6047, 69.7205



59.1092, 77.6047, 117.2692



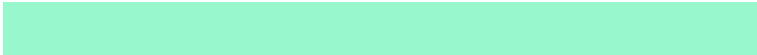
93.2043, 77.6047, 101.2294



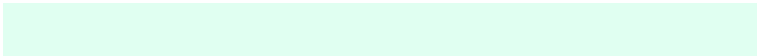
90.6534, 77.6047, 58.4835

Sweetspot

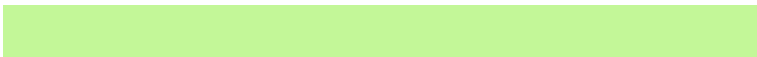
The Sweet Spot groups the original color and five complimentary colors.



57.2312, 77.6079, 69.7223



82.5723, 93.8103, 97.3436



61.3719, 80.3607, 41.9834



17.4075, 19.9474, 20.5776



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.



57.2312, 77.6079, 69.7223



56.9877, 81.2161, 69.2595



61.5665, 77.0472, 99.6261



16.6693, 18.6269, 19.5428



20.0815, 36.1775, 18.9810



1.8166, 3.2003, 1.9403

Inverse Universe

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



59.3262, 46.1276, 56.8187



59.5318, 43.0495, 53.6358



56.0423, 46.0724, 35.6460



16.8035, 16.6043, 18.7119



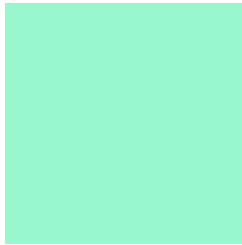
21.8206, 11.0717, 9.0299



1.9686, 0.9934, 1.0612

Previews

White Background



This preview shows how the XYZ color 57.2291, 77.6047, 69.7205 looks on a white background.

Color Contrast Check

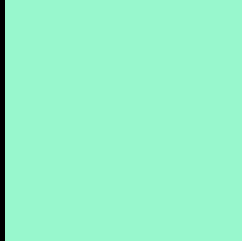
Large Text (above 18pt) WCAG AA × Fail

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 57.2291, 77.6047, 69.7205 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

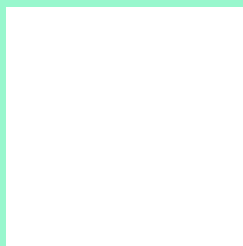
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2291, 77.6047, 69.7205

Background



This preview shows how black text looks on a background with the XYZ color 57.2291, 77.6047, 69.7205.



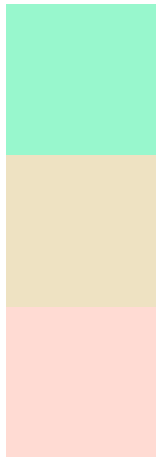
This preview shows how white text looks on a background with the XYZ color 57.2291, 77.6047,

69.7205.

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

57.2291, 77.6047, 69.7205

Protanopia

72.1939, 76.4649, 61.9931

Deuteranopia

78.3294, 76.6262, 72.2899



Tritanopia

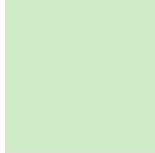
66.0801, 77.3677, 106.0584

Trichromacy



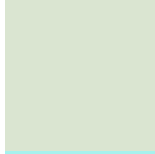
Original Color

57.2291, 77.6047, 69.7205



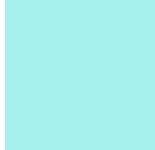
Protanomaly

65.3480, 76.1883, 64.6877



Deuteranomaly

68.4414, 75.5475, 71.2965



Tritanomaly

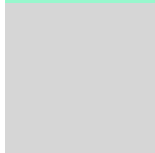
62.4672, 77.1320, 91.7164

Monochromacy



Original Color

57.2291, 77.6047, 69.7205



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

60.4401, 70.1722, 71.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2291, 77.6047, 69.7205 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(152, 247, 205)` looks like.

```
.text, #text, p{  
    color:rgb(152, 247, 205)  
}
```

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(152, 247, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 247, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.2291, 77.6047, 69.7205 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(152, 247, 205) }
```


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

```
.border{ border-color:rgb(152, 247, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 247, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 247, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 247, 205);  
box-shadow:4px 4px 4px 4px rgb(152, 247,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2291, 77.6047, 69.7205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 247, 205) }
```

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

```
.background{ background-color: rgb(152,  
247, 205) }
```

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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