

Converting Colors

XYZ(57.3825, 75.1163, 68.9982)

Have a look what the booklet for
XYZ(57.3825, 75.1163, 68.9982)
contains.

XYZ(57.3750, 74.9998, 69.2100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3750, 74.9998,
69.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	A2F1CD
RGB	162, 241, 205
RGB Percent	64%, 95%, 80%
CMY	0.3647, 0.0549, 0.1961
CMYK	0.33, 0.00, 0.15, 0.05
HSL	153°, 74%, 79%
HSV	153°, 33%, 95%
XYZ	57.3750, 74.9998, 69.2100
YIQ	213.2750, -35.5280, -27.9440

Conversions

Conversions Part 2

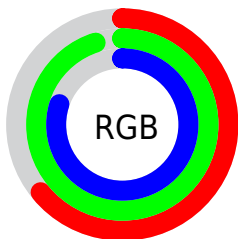
Format	Color
RYB	162, 213, 241
Decimal	10678733
CIELab	89.39, -31.71, 9.75
CIELCh	89, 33.175, 162.909
Yxy	74.9998, 0.2846, 0.3721
Android (android.graphics.Color)	4288868813 (0xFFA2F1CD)
YUV	213.2750, -4.0796, -44.9682
Hunter-Lab	86.6024, -33.2962, 13.2389

Details

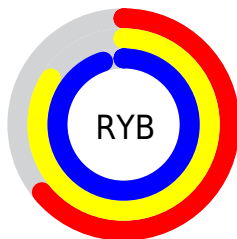
The XYZ color **57.3750, 74.9998, 69.2100** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **59.3915, 48.6204, 59.6834**, and the grayscale version is **63.4750, 66.7807, 72.7242**.

A 20% lighter version of the original color is **83.0234, 93.8001, 108.3372**, and **28.9983, 40.0581, 35.4818** is the 20% darker color. If you saturate the color by 10%, you get **51.6614, 72.2042, 62.2640**, and if you desaturate by 10%, it is **64.1240, 78.3224, 76.6935**.

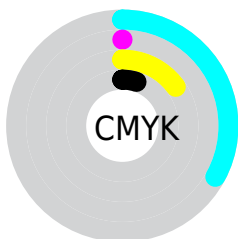
Distribution



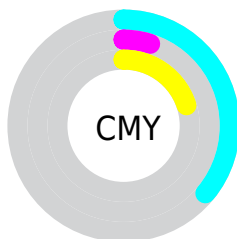
- Red (64%)
- Green (95%)
- Blue (80%)



- Red (64%)
- Yellow (84%)
- Blue (95%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (36%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3750, 74.9998, 69.2100 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 57.3750, 74.9998, 69.2100 by changing the saturation by 10% instead.


 57.3750, 74.9998,
69.2100


 57.3750, 74.9998,
69.2100


404.8445,
477.9169, 476.4853

 41.5477, 55.6127,
50.4099


 100.1404,
126.3121, 119.7520

 28.9369, 39.8925,
35.3658


 127.8091,
159.0061, 152.3310

 19.1771, 27.4547,
23.6590


160.1558,
196.9045, 190.3401

 11.9031, 17.9150,
14.8710


197.5456,
240.3917, 234.1977

 6.7494, 10.8890,
8.5833

240.3441,
289.8522, 284.3226

 3.3508, 5.9922,
4.3773


288.9165,

 1.3419, 2.8404,


345.6703, 341.1331

1.8345


343.6282,
408.2304, 405.0478


 0.2142, 1.0490,
0.4506


 0.0000, 0.0000,
0.0000

 57.3750, 74.9998,
69.2100


 57.3750, 74.9998,
69.2100


 51.6614, 72.2042,
62.2640


 64.1240, 78.3224,
76.6935


 46.9213, 69.8979,
55.8380

 71.9535, 82.1891,
84.7215

 43.0956, 68.0527,
49.9205

 80.9135, 86.6274,
93.3072

 40.1158, 66.6335,
44.4978

 89.7853, 91.0089,
102.4027

■ 37.9032, 65.6000,
39.5552

■ 90.7467, 91.3934,
107.4656

■ 36.3629, 64.9034,
35.0770

■ 35.5653, 64.5569,
32.1212

Harmonies

Analogous

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



61.1720, 74.9998, 53.0877



57.3750, 74.9998, 69.2100



57.1202, 74.9998, 92.0676

Triad

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



57.3750, 74.9998, 69.2100



74.8314, 74.9998, 133.4774



83.3466, 74.9998, 54.8383

Complementary

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



57.3750, 74.9998, 69.2100



59.3915, 48.6204, 59.6834

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.



87.6171, 74.9998, 72.0716



57.3750, 74.9998, 69.2100



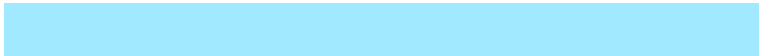
82.4555, 74.9998, 118.9977

Square

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



57.3750, 74.9998, 69.2100



66.7931, 74.9998, 132.3088



87.2791, 74.9998, 95.5246



75.9740, 74.9998, 45.9365

Rectangle

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



57.3750, 74.9998, 69.2100



58.9611, 74.9998, 108.4530



87.2791, 74.9998, 95.5246



85.2167, 74.9998, 59.6920

Sweetspot

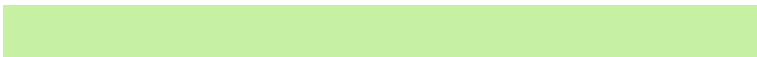
The Sweet Spot groups the original color and five complimentary colors.



57.3771, 75.0029, 69.2117



84.4679, 94.7544, 98.9321



61.4972, 77.6465, 45.9293



17.7840, 20.1350, 20.8868



0.0000, 0.0000, 0.0000



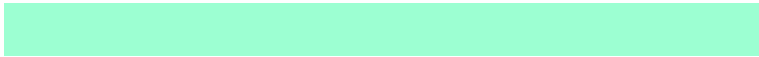
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3771, 75.0029, 69.2117



60.9763, 83.1803, 73.6049



61.4614, 75.3983, 94.5368



15.9258, 17.8003, 18.6321



19.3544, 35.0338, 17.7811



1.6603, 2.9345, 1.7433

Inverse Universe

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



59.3915, 48.6204, 59.6834



63.5805, 49.0972, 61.3045



56.1885, 48.0892, 40.5040



16.0723, 15.8786, 17.9372



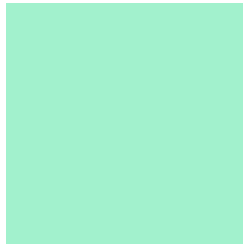
21.2588, 10.7759, 9.2793



1.8181, 0.9163, 1.0331

Previews

White Background



This preview shows how the XYZ color 57.3750, 74.9998, 69.2100 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 57.3750, 74.9998, 69.2100 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

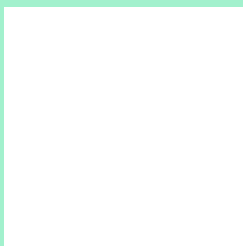
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3750, 74.9998, 69.2100

Background



This preview shows how black text looks on a background with the XYZ color 57.3750, 74.9998, 69.2100.

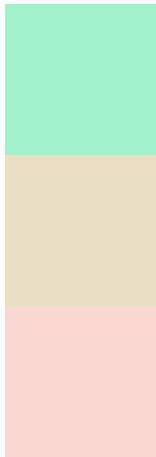


This preview shows how white text looks on a background with the XYZ color 57.3750, 74.9998, 69.2100.

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

57.3750, 74.9998, 69.2100

Protanopia

70.2832, 74.2533, 62.8526

Deuteranopia

75.6131, 74.0889, 71.2881



Tritanopia

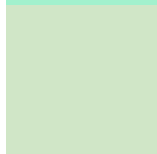
64.1657, 74.7081, 103.9667

Trichromacy



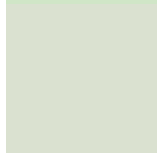
Original Color

57.3750, 74.9998, 69.2100



Protanomaly

64.6180, 74.1270, 64.9350



Deuteranomaly

67.2238, 73.3099, 70.2817



Tritanomaly

61.5730, 74.9493, 90.5783

Monochromacy



Original Color

57.3750, 74.9998, 69.2100



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.2687, 68.8978, 71.0949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3750, 74.9998, 69.2100 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(162, 241, 205)` looks like.

```
.text, #text, p{  
    color:rgb(162, 241, 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(162, 241, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 241, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.3750, 74.9998, 69.2100 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(162, 241, 205) }
```


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

```
.border{ border-color:rgb(162, 241, 205) }
```

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

Here you see how a box with a 4 pixel rgb(162, 241, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 241, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 241, 205);  
box-shadow:4px 4px 4px 4px rgb(162, 241,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3750, 74.9998, 69.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 241, 205) }
```

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

```
.background{ background-color: rgb(162,  
241, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor