

Converting Colors

XYZ(57.5262, 75.8892, 72.0555)

Have a look what the booklet for
XYZ(57.5262, 75.8892, 72.0555)
contains.

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Color

**XYZ(57.4638, 75.8727,
71.9378)**

Conversions

Conversions Part 1

Format	Color
Hex	9DF3D1
RGB	157, 243, 209
RGB Percent	62%, 95%, 82%
CMY	0.3843, 0.0470, 0.1804
CMYK	0.35, 0.00, 0.14, 0.05
HSL	156°, 78%, 78%
HSV	156°, 35%, 95%
XYZ	57.4638, 75.8727, 71.9378
YIQ	213.4100, -40.3420, -28.8060

Conversions

Conversions Part 2

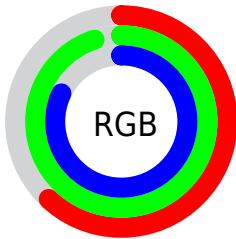
Format	Color
RYB	157, 211, 243
Decimal	10351569
CIELab	89.80, -33.25, 8.22
CIELCh	90, 34.250, 166.110
Yxy	75.8727, 0.2799, 0.3696
Android (android.graphics.Color)	4288541649 (0xFF9DF3D1)
YUV	213.4100, -2.1741, -49.4716
Hunter-Lab	87.1049, -34.6758, 12.0073

Details

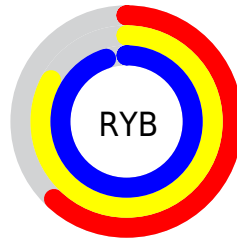
The XYZ color **57.4638, 75.8727, 71.9378** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **58.4256, 46.9321, 55.2726**, and the grayscale version is **63.5555, 66.8653, 72.8163**.

A 20% lighter version of the original color is **81.5416, 93.0361, 108.2678**, and **28.9548, 40.3091, 37.2647** is the 20% darker color. If you saturate the color by 10%, you get **52.0325, 73.2081, 65.6613**, and if you desaturate by 10%, it is **63.9139, 79.0583, 78.6398**.

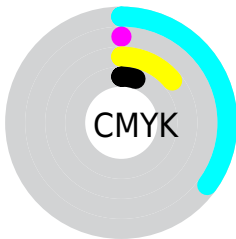
Distribution



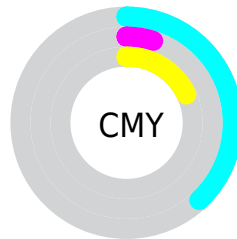
- Red (62%)
- Green (95%)
- Blue (82%)



- Red (62%)
- Yellow (83%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)





- Cyan (38%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4638, 75.8727, 71.9378 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 57.4638, 75.8727, 71.9378 by changing the saturation by 10% instead.


 57.4638, 75.8727,
71.9378


 57.4638, 75.8727,
71.9378


405.1711,
480.9118, 486.2968

 41.6193, 56.3281,
52.6213


 100.2691,
127.5469, 123.6750

 28.9931, 40.4661,
37.1149


 127.9606,
160.4454, 156.9328

 19.2199, 27.9021,
25.0000


160.3318,
198.5640, 195.6748

 11.9342, 18.2519,
15.8580

197.7481,
242.2870, 240.3196

 6.7708, 11.1310,
9.2705

240.5748,
291.9989, 291.2856

 3.3642, 6.1550,
4.8188


289.1773,


 1.3492, 2.9396,


348.0841, 348.9915


2.0845

343.9210,
410.9269, 413.8557


 0.2196, 1.1003,
0.6065


 0.0000, 0.0000,
0.0000


 57.4638, 75.8727,
71.9378


 57.4638, 75.8727,
71.9378


 52.0325, 73.2081,
65.6613


 63.9139, 79.0583,
78.6398


 47.5562, 71.0257,
59.7958

 71.4293, 82.7825,
85.7709

 43.9736, 69.2960,
54.3334

 80.0611, 87.0737,
93.3413

 41.2133, 67.9823,
49.2638

 89.8551, 91.9554,
101.3594

■ 39.1920, 67.0420,
44.5761

■ 91.3420, 92.5839,
107.6640

■ 37.8075, 66.4224,
40.2580

■ 37.3127, 66.2082,
38.3869

Harmonies

Analogous

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



61.0275, 75.8727, 54.3692



57.4638, 75.8727, 71.9378



57.6040, 75.8727, 96.2091

Triad

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



57.4638, 75.8727, 71.9378



76.7179, 75.8727, 135.8674



83.9758, 75.8727, 53.4103

Complementary

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



57.4638, 75.8727, 71.9378



58.4256, 46.9321, 55.2726

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.



88.8781, 75.8727, 70.3613



57.4638, 75.8727, 71.9378



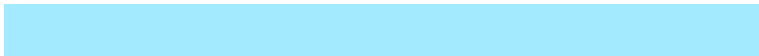
84.4695, 75.8727, 119.2542

Square

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



57.4638, 75.8727, 71.9378



68.2842, 75.8727, 136.5186



89.0656, 75.8727, 94.2941



76.0859, 75.8727, 45.1732

Rectangle

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



57.4638, 75.8727, 71.9378



59.7685, 75.8727, 113.1827



89.0656, 75.8727, 94.2941



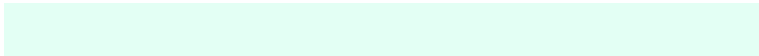
86.0538, 75.8727, 58.1112

Sweetspot

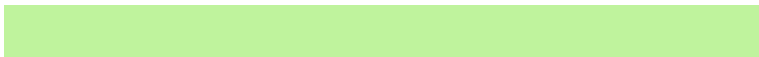
The Sweet Spot groups the original color and five complimentary colors.



57.4659, 75.8758, 71.9395



83.7382, 94.3689, 99.3178



59.7254, 77.6670, 43.7427



17.6481, 20.0620, 21.0142



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.



57.4659, 75.8758, 71.9395



59.9212, 82.5932, 75.5059



59.6215, 72.7158, 95.6908



16.7030, 18.6404, 19.7206



20.5460, 36.3632, 21.4267



1.8563, 3.2162, 2.1492

Inverse Universe

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



58.4256, 46.9321, 55.2726



61.1352, 46.1368, 54.5384



56.6138, 48.6181, 38.2997



16.7705, 16.5910, 18.5379



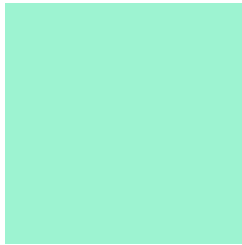
21.5087, 10.9469, 7.3871



1.9395, 0.9818, 0.9078

Previews

White Background



This preview shows how the XYZ color 57.4638, 75.8727, 71.9378 looks on a white background.

Color Contrast Check

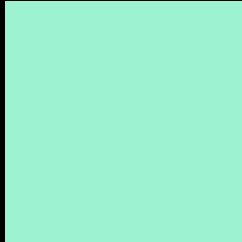
Large Text (above 18pt) WCAG AA × Fail

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 57.4638, 75.8727, 71.9378 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

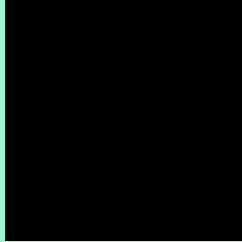
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4638, 75.8727, 71.9378

Background



This preview shows how black text looks on a background with the XYZ color 57.4638, 75.8727, 71.9378.



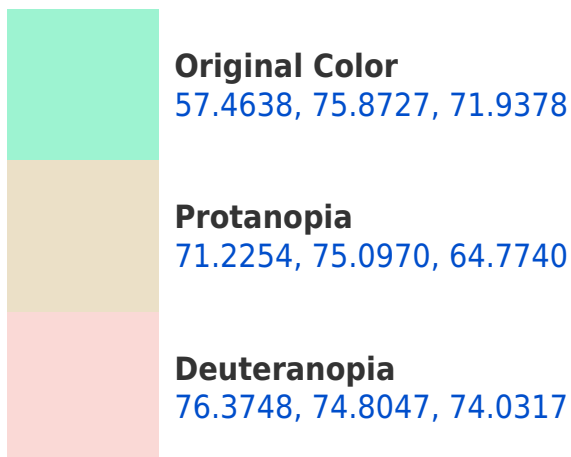
This preview shows how white text looks on a background with the XYZ color 57.4638, 75.8727,

71.9378.

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





Tritanopia

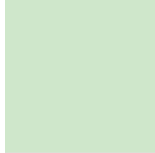
64.4076, 75.6459, 105.8142

Trichromacy



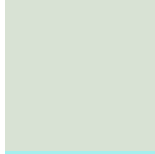
Original Color

57.4638, 75.8727, 71.9378



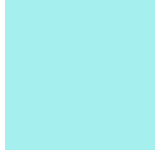
Protanomaly

65.0875, 74.7290, 67.4936



Deuteranomaly

67.3989, 73.7451, 72.9693



Tritanomaly

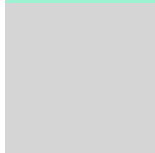
61.8162, 75.9054, 92.2821

Monochromacy



Original Color

57.4638, 75.8727, 71.9378



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

60.5316, 69.4022, 72.4930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4638, 75.8727, 71.9378 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(157, 243, 209)` looks like.

```
.text, #text, p{  
    color:rgb(157, 243, 209)  
}
```

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(157, 243, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 243, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.4638, 75.8727, 71.9378 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(157, 243, 209) }
```


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

```
.border{ border-color:rgb(157, 243, 209) }
```

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

Here you see how a box with a 4 pixel rgb(157, 243, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 243, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 243, 209);  
box-shadow:4px 4px 4px 4px rgb(157, 243,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4638, 75.8727, 71.9378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 243, 209) }
```

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

```
.background{ background-color: rgb(157,  
243, 209) }
```

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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