

Converting Colors

XYZ(57.4987, 73.4651, 86.6202)

Have a look what the booklet for
XYZ(57.4987, 73.4651, 86.6202)
contains.

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Color

**XYZ(57.3928, 73.3082,
86.7263)**

Conversions

Conversions Part 1

Format	Color
Hex	95EEE7
RGB	149, 238, 231
RGB Percent	58%, 93%, 91%
CMY	0.4157, 0.0666, 0.0941
CMYK	0.37, 0.00, 0.03, 0.07
HSL	175°, 72%, 76%
HSV	175°, 37%, 93%
XYZ	57.3928, 73.3082, 86.7263
YIQ	210.5910, -50.7970, -21.0450

Conversions

Conversions Part 2

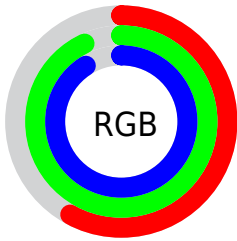
Format	Color
RYB	149, 195, 238
Decimal	9826023
CIELab	88.59, -28.23, -5.06
CIELCh	89, 28.675, 190.159
Yxy	73.3082, 0.2640, 0.3372
Android (android.graphics.Color)	4288016103 (0xFF95EEE7)
YUV	210.5910, 10.0616, -54.0153
Hunter-Lab	85.6202, -30.1835, -0.1218

Details

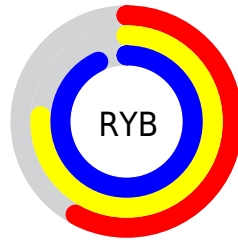
The XYZ color **57.3928, 73.3082, 86.7263** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.0107, 42.0745, 36.8352**, and the grayscale version is **61.6087, 64.8172, 70.5859**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **29.0786, 38.9176, 47.0535** is the 20% darker color. If you saturate the color by 10%, you get **53.2238, 71.1912, 85.1594**, and if you desaturate by 10%, it is **62.4561, 75.8895, 88.3531**.

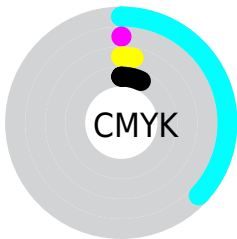
Distribution



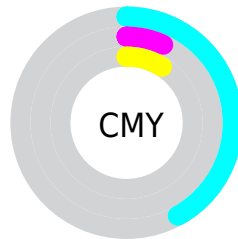
- Red (58%)
- Green (93%)
- Blue (91%)



- Red (58%)
- Yellow (76%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3928, 73.3082, 86.7263 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 57.3928, 73.3082, 86.7263 by changing the saturation by 10% instead.

57.3928, 73.3082,
86.7263

57.3928, 73.3082,
86.7263

404.9100,
472.0823, 537.6159

41.5621, 54.2280,
64.7104

100.1662,
123.9146, 144.6781

28.9481, 38.7840,
46.7764

127.8395,
156.2097, 181.4511

19.1857, 26.5917,
32.5059

160.1911,
193.6785, 223.9801

11.9093, 17.2668,
21.4802

197.5862,
236.7054, 272.6838

6.7537, 10.4249,
13.2808

240.3904,
285.6748, 327.9807

3.3535, 5.6816,
7.4892

288.9688,

1.3433, 2.6524,

340.9712, 390.2893

3.6868

343.6869,
402.9789, 460.0282

■ 0.2153, 0.9531,
1.4552

■ 0.0000, 0.0000,
0.1842

■ 57.3928, 73.3082,
86.7263

■ 57.3928, 73.3082,
86.7263

■ 53.2238, 71.1912,
85.1594

■ 62.4561, 75.8895,
88.3531

■ 49.8884, 69.5018,
83.6446

■ 68.4572, 78.9521,
90.0369

■ 47.3282, 68.2118,
82.1807

■ 75.4443, 82.5227,
91.7818

■ 45.4748, 67.2857,
80.7646

■ 83.4604, 86.6235,
93.5898

■ 44.2477, 66.6822,
79.3924

■ 87.5982, 88.7246,
95.2312

■ 43.5407, 66.3465,
78.0590

■ 87.8785, 88.8367,
96.7070

■ 43.3986, 66.2807,
77.7160

■ 88.1617, 88.9499,
98.1981

■ 88.4477, 89.0643,
99.7043

■ 88.7366, 89.1799,
101.2259

Harmonies

Analogous

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



57.9046, 73.3082, 67.5817



57.3928, 73.3082, 86.7263



60.0023, 73.3082, 106.9802

Triad

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



57.3928, 73.3082, 86.7263



78.6079, 73.3082, 112.5996



74.2878, 73.3082, 49.0941

Complementary

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



57.3928, 73.3082, 86.7263



52.0107, 42.0745, 36.8352

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.



80.3400, 73.3082, 57.6964



57.3928, 73.3082, 86.7263



82.9463, 73.3082, 93.4535

Square

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



57.3928, 73.3082, 86.7263



72.0487, 73.3082, 123.4715



83.6003, 73.3082, 73.2908



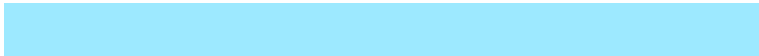
67.3584, 73.3082, 47.9010

Rectangle

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



57.3928, 73.3082, 86.7263



63.2689, 73.3082, 117.6127



83.6003, 73.3082, 73.2908



76.5044, 73.3082, 51.1384

Sweetspot

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



57.3949, 73.3111, 86.7280



85.1194, 94.9214, 106.5911



49.7927, 70.4316, 39.4056



17.9788, 20.1943, 22.7553



0.0000, 0.0000, 0.0000



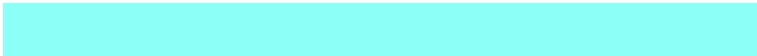
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3949, 73.3111, 86.7280



63.2476, 83.7693, 100.0014



48.6965, 54.2995, 88.8065



16.1906, 17.9063, 20.0264



24.2334, 36.9854, 43.4737



2.0318, 3.0832, 3.6999

Inverse Universe

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



52.0107, 42.0745, 36.8352



56.1017, 42.2682, 33.7522



58.2638, 55.5025, 36.0775



15.8233, 15.7790, 16.6255



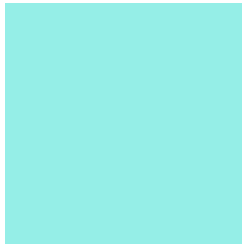
19.7538, 10.1739, 1.3541



1.6607, 0.8533, 0.2039

Previews

White Background



This preview shows how the XYZ color 57.3928, 73.3082, 86.7263 looks on a white background.

Color Contrast Check

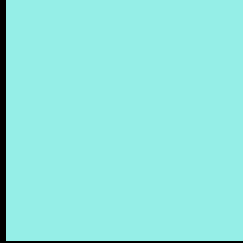
Large Text (above 18pt) WCAG AA × Fail

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 57.3928, 73.3082, 86.7263 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 57.3928, 73.3082, 86.7263

Background



This preview shows how black text looks on a background with the XYZ color 57.3928, 73.3082, 86.7263.



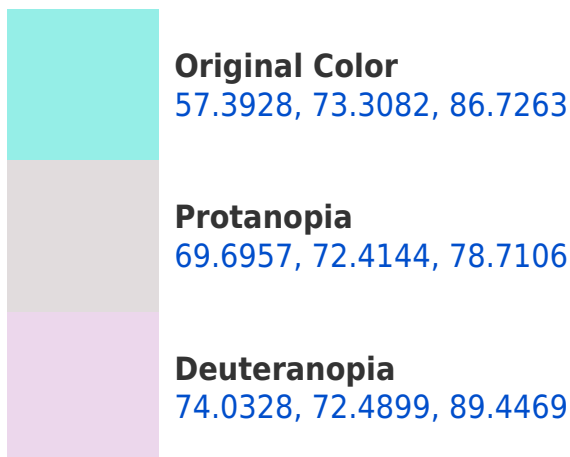
This preview shows how white text looks on a background with the XYZ color 57.3928, 73.3082,

86.7263.

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

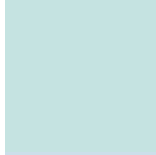
60.9555, 73.4771, 103.8983

Trichromacy



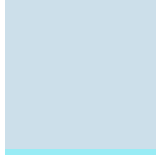
Original Color

57.3928, 73.3082, 86.7263



Protanomaly

64.0856, 72.2447, 81.8011



Deuteranomaly

66.1408, 71.5532, 88.1671



Tritanomaly

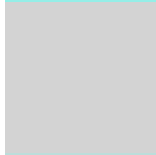
59.6138, 73.3558, 97.4033

Monochromacy



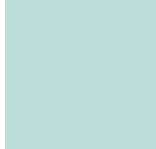
Original Color

57.3928, 73.3082, 86.7263



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.2504, 67.4662, 76.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3928, 73.3082, 86.7263 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(149, 238, 231)` looks like.

```
.text, #text, p{  
    color:rgb(149, 238, 231)  
}
```

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(149, 238, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 238, 231) }
```

Border

The CSS property to change the border of an element to XYZ 57.3928, 73.3082, 86.7263 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(149, 238, 231) }
```


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

```
.border{ border-color:rgb(149, 238, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 238, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 238, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 238, 231);  
box-shadow:4px 4px 4px 4px rgb(149, 238,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3928, 73.3082, 86.7263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 238, 231) }
```

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

```
.background{ background-color: rgb(149,  
238, 231) }
```

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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