

Converting Colors

XYZ(57.9158, 70.9599, 87.0266)

Have a look what the booklet for
XYZ(57.9158, 70.9599, 87.0266)
contains.

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Color

**XYZ(57.9193, 71.0130,
86.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	A0E8E8
RGB	160, 232, 232
RGB Percent	63%, 91%, 91%
CMY	0.3725, 0.0902, 0.0902
CMYK	0.31, 0.00, 0.00, 0.09
HSL	180°, 61%, 77%
HSV	180°, 31%, 91%
XYZ	57.9193, 71.0130, 86.9981
YIQ	210.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

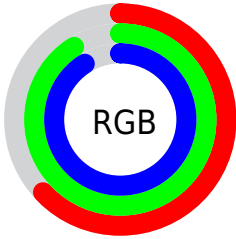
Format	Color
RYB	160, 196, 232
Decimal	10545384
CIELab	87.49, -22.18, -7.15
CIELCh	87, 23.307, 197.874
Yxy	71.0130, 0.2682, 0.3289
Android (android.graphics.Color)	4288735464 (0xFFA0E8E8)
YUV	210.4720, 10.6133, -44.2639
Hunter-Lab	84.2692, -24.7858, -2.2215

Details

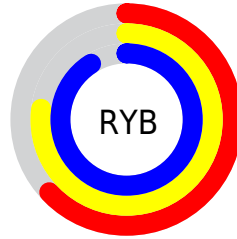
The XYZ color **57.9193, 71.0130, 86.9981** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.1972, 44.8375, 39.1639**, and the grayscale version is **61.5230, 64.7270, 70.4877**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **29.1875, 37.1885, 46.7141** is the 20% darker color. If you saturate the color by 10%, you get **53.7076, 68.8436, 86.8019**, and if you desaturate by 10%, it is **63.0006, 73.6342, 87.2381**.

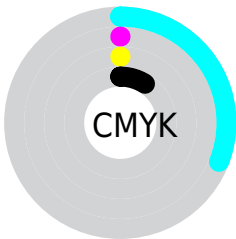
Distribution



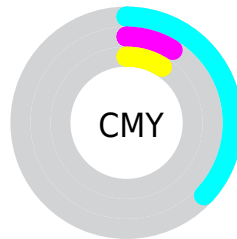
- Red (63%)
- Green (91%)
- Blue (91%)



- Red (63%)
- Yellow (77%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (9%)



- Cyan (37%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9193, 71.0130, 86.9981 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 57.9193, 71.0130, 86.9981 by changing the saturation by 10% instead.

57.9193, 71.0130,
86.9981

57.9193, 71.0130,
86.9981

406.8439,
464.0989, 538.5327

41.9868, 52.3528,
64.9340

100.9290,
120.6522, 145.0603

29.2820, 37.2864,
46.9566

128.7368,
152.4001, 181.8956

19.4396, 25.4293,
32.6472

161.2339,
189.2792, 224.4916

12.0942, 16.3972,
21.5874

198.7854,
231.6741, 273.2670

6.8806, 9.8056,
13.3587

241.7568,
279.9691, 328.6402

3.4332, 5.2703,
7.5424

290.5135,

1.3868, 2.4067,

334.5487, 391.0299

3.7200

345.4207,
395.7971, 460.8545

■ 0.2468, 0.8293,
1.4730

■ 0.0000, 0.0000,
0.1977

■ 57.9193, 71.0130,
86.9981

■ 57.9193, 71.0130,
86.9981

■ 53.7076, 68.8436,
86.8019

■ 63.0006, 73.6342,
87.2381

■ 50.3111, 67.0926,
86.6423

■ 68.9897, 76.7217,
87.5190

■ 47.6788, 65.7356,
86.5184

■ 75.9303, 80.2997,
87.8445

■ 45.7516, 64.7421,
86.4276

■ 83.8611, 84.3882,
88.2163

■ 44.4617, 64.0772,
86.3666

■ 84.6642, 84.8022,
88.2545

■ 43.7278, 63.6989,
86.3316

■ 84.6643, 84.8022,
88.2552

■ 43.4227, 63.5416,
86.3167

■ 84.6644, 84.8023,
88.2559

■ 84.6645, 84.8023,
88.2565

■ 84.6647, 84.8024,
88.2572

Harmonies

Analogous

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



57.6717, 71.0130, 71.1293



57.9193, 71.0130, 86.9981



60.6452, 71.0130, 102.0398

Triad

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



57.9193, 71.0130, 86.9981



75.6501, 71.0130, 99.4771



69.7426, 71.0130, 51.3204

Complementary

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



57.9193, 71.0130, 86.9981



52.1972, 44.8375, 39.1639

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.



74.8437, 71.0130, 56.9562



57.9193, 71.0130, 86.9981



78.3764, 71.0130, 83.8621

Square

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



57.9193, 71.0130, 86.9981



70.7951, 71.0130, 109.8907



78.0735, 71.0130, 68.3897



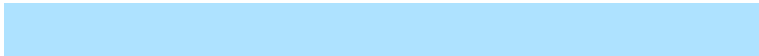
64.3005, 71.0130, 51.9210

Rectangle

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



57.9193, 71.0130, 86.9981



63.5889, 71.0130, 108.9215



78.0735, 71.0130, 68.3897



71.5594, 71.0130, 52.5129

Sweetspot

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



57.9214, 71.0158, 86.9997



87.1048, 95.9041, 108.5274



49.9422, 67.8520, 43.7237



18.3888, 20.3959, 23.2174



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.



57.9214, 71.0158, 86.9997



68.4369, 86.2805, 107.6515



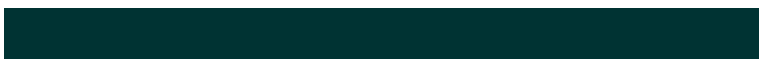
49.0765, 53.3255, 84.0534



14.8075, 16.3364, 18.5170



24.1056, 35.2743, 47.9177



1.7813, 2.6067, 3.5410

Inverse Universe

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



52.1972, 44.8375, 39.1639



60.3263, 49.1886, 39.8731



59.0967, 58.6370, 41.4626



14.3771, 14.3680, 14.9201



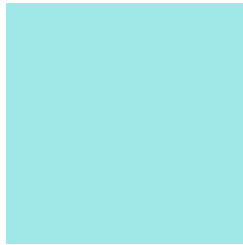
18.4751, 9.5242, 0.8648



1.3653, 0.7038, 0.0639

Previews

White Background



This preview shows how the XYZ color 57.9193, 71.0130, 86.9981 looks on a white background.

Color Contrast Check

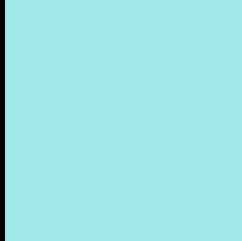
Large Text (above 18pt) WCAG AA × Fail

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 57.9193, 71.0130, 86.9981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

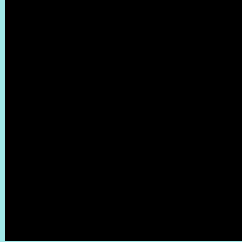
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9193, 71.0130, 86.9981

Background



This preview shows how black text looks on a background with the XYZ color 57.9193, 71.0130, 86.9981.

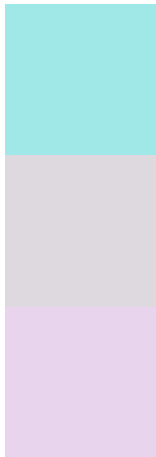


This preview shows how white text looks on a background with the XYZ color 57.9193, 71.0130,

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

57.9193, 71.0130, 86.9981

Protanopia

67.9509, 70.3256, 79.8048

Deuteranopia

71.9625, 70.2989, 89.1331



Tritanopia

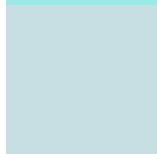
60.5499, 71.2635, 99.3708

Trichromacy



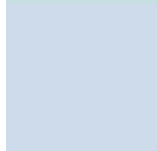
Original Color

57.9193, 71.0130, 86.9981



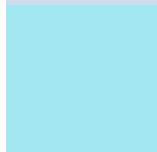
Protanomaly

63.4019, 69.8757, 82.0972



Deuteranomaly

65.7805, 69.7830, 88.5997



Tritanomaly

59.7072, 71.3492, 94.6293

Monochromacy



Original Color

57.9193, 71.0130, 86.9981



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

59.4645, 66.4112, 76.0142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9193, 71.0130, 86.9981 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(160, 232, 232)` looks like.

```
.text, #text, p{  
    color:rgb(160, 232, 232)  
}
```

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(160, 232, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 232, 232) }
```

Border

The CSS property to change the border of an element to XYZ 57.9193, 71.0130, 86.9981 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(160, 232, 232) }
```


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

```
.border{ border-color:rgb(160, 232, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 232, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 232, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 232, 232);  
box-shadow:4px 4px 4px 4px rgb(160, 232,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9193, 71.0130, 86.9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 232, 232) }
```

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

```
.background{ background-color: rgb(160,  
232, 232) }
```

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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