

Converting Colors

XYZ(58.1040, 73.2061, 91.3035)

Have a look what the booklet for
XYZ(58.1040, 73.2061, 91.3035)
contains.

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Color

**XYZ(57.9647, 73.0724,
91.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	95EDED
RGB	149, 237, 237
RGB Percent	58%, 93%, 93%
CMY	0.4157, 0.0706, 0.0706
CMYK	0.37, 0.00, 0.00, 0.07
HSL	180°, 71%, 76%
HSV	180°, 37%, 93%
XYZ	57.9647, 73.0724, 91.1701
YIQ	210.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

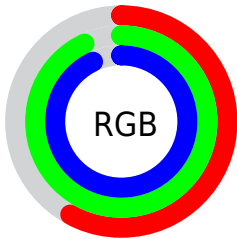
Format	Color
RYB	149, 193, 237
Decimal	9825773
CIELab	88.48, -26.34, -8.37
CIELCh	88, 27.639, 197.618
Yxy	73.0724, 0.2609, 0.3288
Android (android.graphics.Color)	4288015853 (0xFF95EDED)
YUV	210.6880, 12.9718, -54.1004
Hunter-Lab	85.4824, -28.5552, -3.3973

Details

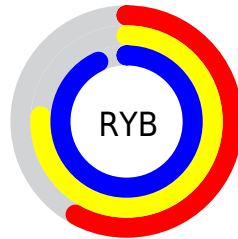
The XYZ color **57.9647, 73.0724, 91.1701** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.0999, 41.6715, 33.7866**, and the grayscale version is **61.6548, 64.8657, 70.6387**.

A 20% lighter version of the original color is **79.5421, 92.0054, 108.1742**, and **29.2780, 38.6593, 49.6349** is the 20% darker color. If you saturate the color by 10%, you get **54.0734, 71.0682, 90.9890**, and if you desaturate by 10%, it is **62.7401, 75.5360, 91.3957**.

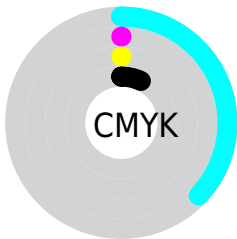
Distribution



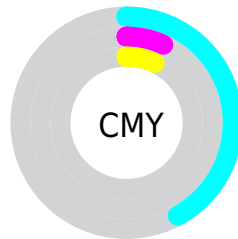
- Red (58%)
- Green (93%)
- Blue (93%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9647, 73.0724, 91.1701 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 57.9647, 73.0724, 91.1701 by changing the saturation by 10% instead.


 57.9647, 73.0724,
91.1701


 57.9647, 73.0724,
91.1701


407.0104,
471.2657, 552.4978

 42.0234, 54.0352,
68.3724


 100.9947,
123.5800, 150.9123

 29.3108, 38.6298,
49.7321


 128.8142,
155.8191, 188.6939

 19.4615, 26.4718,
34.8309

161.3237,
193.2277, 232.3072

 12.1102, 17.1770,
23.2502

198.8887,
236.1901, 282.1707

 6.8915, 10.3607,
14.5713

241.8745,
285.0907, 338.7030

 3.4401, 5.6388,
8.3758

290.6465,

 1.3905, 2.6267,

340.3139, 402.3226

4.2451

345.5700,
402.2441, 473.4480

■ 0.2495, 0.9401,
1.7608

■ 0.0000, 0.0000,
0.4019

■ 57.9647, 73.0724,
91.1701

■ 57.9647, 73.0724,
91.1701

■ 54.0734, 71.0682,
90.9890

■ 62.7401, 75.5360,
91.3957

■ 51.0061, 69.4869,
90.8450


■ 68.4423, 78.4756,
91.6631


■ 48.7053, 68.3008,
90.7368


■ 75.1191, 81.9175,
91.9761


■ 47.1035, 67.4751,
90.6613


■ 82.8129, 85.8839,
92.3367


 46.1214, 66.9688,
90.6148


 86.8122, 87.9456,
92.5244


 45.6562, 66.7290,
90.5925

 86.8123, 87.9456,
92.5250

 45.5711, 66.6851,
90.5883

 86.8124, 87.9456,
92.5255

 86.8125, 87.9457,
92.5260

 86.8126, 87.9457,
92.5266

Harmonies

Analogous

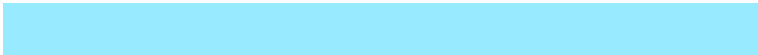
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.6971, 73.0724, 71.9661



57.9647, 73.0724, 91.1701



61.1853, 73.0724, 109.7959

Triad

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



57.9647, 73.0724, 91.1701



79.3332, 73.0724, 106.8900



72.2314, 73.0724, 48.8864

Complementary

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



57.9647, 73.0724, 91.1701



51.0999, 41.6715, 33.7866

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.



78.4341, 73.0724, 55.4624



57.9647, 73.0724, 91.1701



82.7065, 73.0724, 87.6775

Square

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



57.9647, 73.0724, 91.1701



73.3957, 73.0724, 119.8200



82.3673, 73.0724, 68.9862



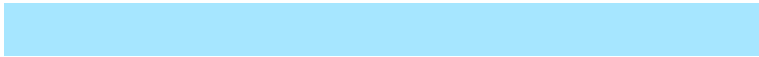
65.6544, 73.0724, 49.5149

Rectangle

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



57.9647, 73.0724, 91.1701



64.6969, 73.0724, 118.4571



82.3673, 73.0724, 68.9862



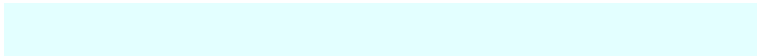
74.4369, 73.0724, 50.2777

Sweetspot

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



57.9669, 73.0753, 91.1718



85.4726, 95.0627, 108.4511



48.3750, 69.2697, 39.2562



18.0636, 20.2282, 23.2022



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.



57.9669, 73.0753, 91.1718



64.6668, 84.3370, 107.4752



47.0785, 51.2981, 87.5442



15.5177, 17.1219, 19.4091



24.8791, 36.4061, 49.4559



1.9536, 2.8588, 3.8835

Inverse Universe

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



51.0999, 41.6715, 33.7866



55.4070, 41.9902, 30.0937



59.0998, 57.6717, 36.4523



15.0656, 15.0541, 15.6305



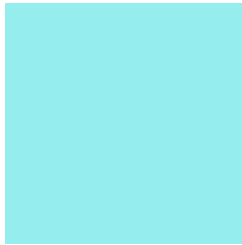
19.0678, 9.8298, 0.8925



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 57.9647, 73.0724, 91.1701 looks on a white background.

Color Contrast Check

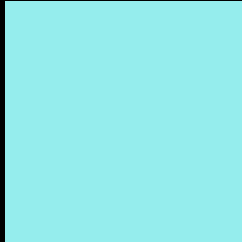
Large Text (above 18pt) WCAG AA × Fail

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 57.9647, 73.0724, 91.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

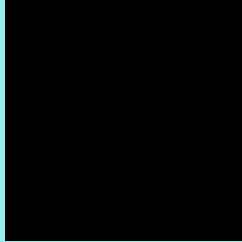
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9647, 73.0724, 91.1701

Background



This preview shows how black text looks on a background with the XYZ color 57.9647, 73.0724, 91.1701.

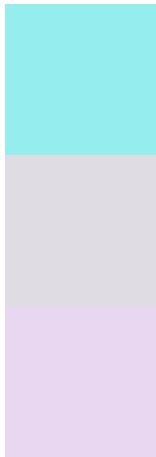


This preview shows how white text looks on a background with the XYZ color 57.9647, 73.0724,

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

57.9647, 73.0724, 91.1701

Protanopia

69.8898, 72.4204, 82.9680

Deuteranopia

73.9317, 72.3353, 94.0699



Tritanopia

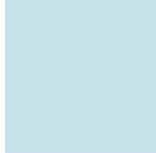
60.2893, 72.7098, 103.7853

Trichromacy



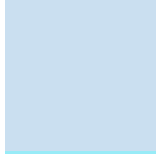
Original Color

57.9647, 73.0724, 91.1701



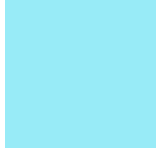
Protanomaly

64.3851, 71.8980, 86.0855



Deuteranomaly

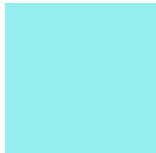
66.4730, 71.6232, 92.7592



Tritanomaly

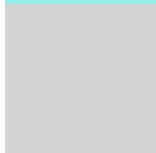
59.4457, 72.8075, 98.9158

Monochromacy



Original Color

57.9647, 73.0724, 91.1701



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

59.2505, 67.0451, 77.5283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9647, 73.0724, 91.1701 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, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(149, 237, 237)  
}
```

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, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 57.9647, 73.0724, 91.1701 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, 237, 237) }
```


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

```
.border{ border-color:rgb(149, 237, 237) }
```

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

Here you see how a box with a 4 pixel rgb(149, 237, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 237, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 237, 237);  
box-shadow:4px 4px 4px 4px rgb(149, 237,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9647, 73.0724, 91.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 237, 237) }
```

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

```
.background{ background-color: rgb(149,  
237, 237) }
```

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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