

Converting Colors

XYZ(56.8762, 73.5494,
101.9818)

Have a look what the booklet for
XYZ(56.8762, 73.5494, 101.9818)
contains.

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Color

**XYZ(56.8729, 73.5823,
101.6478)**

Conversions

Conversions Part 1

Format	Color
Hex	7DF0FA
RGB	125, 240, 250
RGB Percent	49%, 94%, 98%
CMY	0.5098, 0.0588, 0.0196
CMYK	0.50, 0.04, 0.00, 0.02
HSL	185°, 93%, 74%
HSV	185°, 50%, 98%
XYZ	56.8729, 73.5823, 101.6478
YIQ	206.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

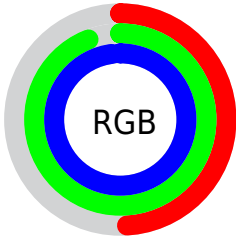
Format	Color
R_{YB}	125, 185, 250
Decimal	8253690
CIE _{Lab}	88.72, -30.07, -14.91
CIE _{LCh}	89, 33.560, 206.374
Yxy	73.5823, 0.2450, 0.3170
Android (android.graphics.Color)	4286443770 (0xFF7DF0FA)
YUV	206.7550, 21.3198, -71.6991
Hunter-Lab	85.7801, -31.7683, -10.2114

Details

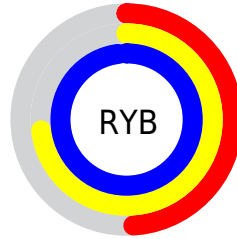
The XYZ color **56.8729, 73.5823, 101.6478** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.7915, 39.1341, 24.2280**, and the grayscale version is **59.0529, 62.1283, 67.6577**.

A 20% lighter version of the original color is **73.8176, 89.0543, 107.9063**, and **28.7416, 39.1367, 57.0782** is the 20% darker color. If you saturate the color by 10%, you get **53.0875, 70.7634, 101.3045**, and if you desaturate by 10%, it is **61.5876, 76.8932, 102.0397**.

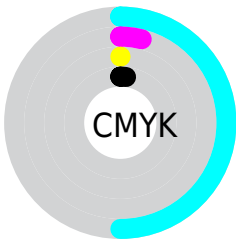
Distribution



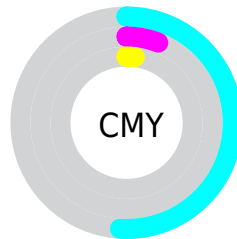
- Red (49%)
- Green (94%)
- Blue (98%)



- Red (49%)
- Yellow (73%)
- Blue (98%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (51%)
- Magenta (6%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8729, 73.5823, 101.6478 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 56.8729, 73.5823, 101.6478 by changing the saturation by 10% instead.

56.8729, 73.5823,
101.6478

56.8729, 73.5823,
101.6478

402.9948,
473.0305, 586.7546

41.1429, 54.4522,
77.0529

99.4121, 124.3035,
165.4914

28.6190, 38.9633,
56.7844

126.9521,
156.6634, 205.5771

18.9356, 26.7312,
40.4240

159.1595,
194.2021, 251.6635

11.7275, 17.3715,
27.5530

196.3997,
237.3039, 304.1691

6.6293, 10.4997,
17.7529

239.0379,
286.3533, 363.5125

3.2756, 5.7315,
10.6051

287.4396,

1.3011, 2.6825,

341.7346, 430.1122

5.6911

341.9701,
403.8322, 504.3867

■ 0.1841, 0.9683,
2.5925

■ 0.0000, 0.0000,
0.8886

■ 56.8729, 73.5823,
101.6478

■ 56.8729, 73.5823,
101.6478

■ 53.0875, 70.7634,
101.3045

■ 61.5876, 76.8932,
102.0397

■ 50.1545, 68.3919,
101.0014

■ 67.2878, 80.7202,
102.4779

■ 47.9955, 66.4290,
100.7363

■ 74.0334, 85.0957,
102.9670

■ 46.5147, 64.8252,
100.5048

■ 81.8771, 90.0471,
103.5093

45.5540, 63.4991,
100.2994

90.8686, 95.6000,
104.1072

45.5539, 63.4988,
100.2994

93.3065, 97.7841,
104.4003

93.9378, 99.0467,
104.6107

94.2556, 99.6822,
104.7166

Harmonies

Analogous

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



55.4968, 73.5823, 77.3267



56.8729, 73.5823, 101.6478



61.6505, 73.5823, 123.3710

Triad

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



56.8729, 73.5823, 101.6478



83.7470, 73.5823, 107.4908



70.9288, 73.5823, 43.2932

Complementary

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



56.8729, 73.5823, 101.6478



51.7915, 39.1341, 24.2280

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.



78.9363, 73.5823, 48.3802



56.8729, 73.5823, 101.6478



86.6889, 73.5823, 82.9770

Square

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



56.8729, 73.5823, 101.6478



77.0986, 73.5823, 127.1766



84.8643, 73.5823, 61.8666



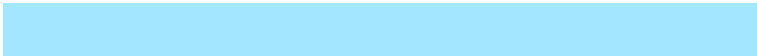
63.2346, 73.5823, 46.3898

Rectangle

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



56.8729, 73.5823, 101.6478



66.3271, 73.5823, 131.8494



84.8643, 73.5823, 61.8666



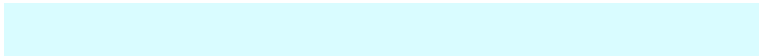
73.6772, 73.5823, 44.0726

Sweetspot

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



56.8751, 73.5851, 101.6495



81.3828, 91.5169, 107.9829



46.9016, 74.4355, 34.2088



17.0544, 19.3575, 23.0874



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.



56.8751, 73.5851, 101.6495



55.5090, 74.0038, 105.9663



41.8683, 43.5714, 96.6472



17.6401, 19.3570, 22.1918



24.2130, 33.7815, 53.2179



2.2767, 3.1971, 4.9403

Inverse Universe

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



62.4881, 41.2846, 87.1163



62.1332, 37.2195, 88.5152



62.8301, 61.2114, 27.9075



17.9296, 17.4992, 21.4851



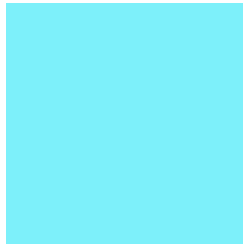
28.5136, 13.8212, 41.0087



2.6581, 1.2870, 3.8889

Previews

White Background



This preview shows how the XYZ color 56.8729, 73.5823, 101.6478 looks on a white background.

Color Contrast Check

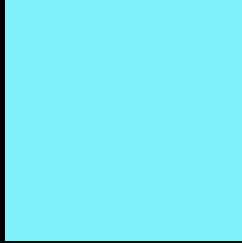
Large Text (above 18pt) WCAG AA × Fail

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 56.8729, 73.5823, 101.6478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

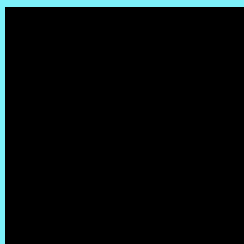
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8729, 73.5823, 101.6478

Background



This preview shows how black text looks on a background with the XYZ color 56.8729, 73.5823, 101.6478.

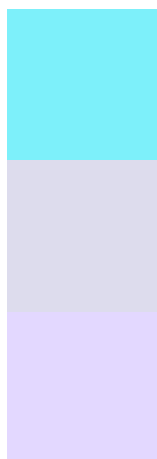


This preview shows how white text looks on a background with the XYZ color 56.8729, 73.5823,

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

56.8729, 73.5823, 101.6478

Protanopia

70.6981, 72.6730, 90.4219

Deuteranopia

74.2844, 72.6626, 104.7178



Tritanopia

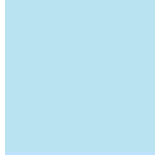
58.9816, 73.2773, 105.6430

Trichromacy



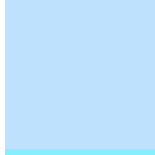
Original Color

56.8729, 73.5823, 101.6478



Protanomaly

63.7458, 71.7881, 94.5011



Deuteranomaly

65.8900, 71.8894, 103.3318



Tritanomaly

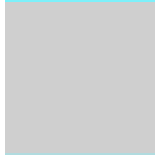
58.1357, 73.3093, 104.0145

Monochromacy



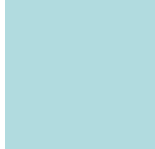
Original Color

56.8729, 73.5823, 101.6478



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.7823, 65.3379, 79.4308

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8729, 73.5823, 101.6478 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(125, 240, 250)` looks like.

```
.text, #text, p{  
    color:rgb(125, 240, 250)  
}
```

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(125, 240, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 240, 250) }
```

Border

The CSS property to change the border of an element to XYZ 56.8729, 73.5823, 101.6478 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(125, 240, 250) }
```


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

```
.border{ border-color:rgb(125, 240, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 240, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 240, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 240, 250);  
box-shadow:4px 4px 4px 4px rgb(125, 240,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8729, 73.5823, 101.6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 240, 250) }
```

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

```
.background{ background-color: rgb(125,  
240, 250) }
```

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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