

Converting Colors

XYZ(56.5936, 71.5081, 93.8222)

Have a look what the booklet for
XYZ(56.5936, 71.5081, 93.8222)
contains.

XYZ(56.5700, 71.4303, 94.0250)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.5700, 71.4303,
94.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	8DEBF1
RGB	141, 235, 241
RGB Percent	55%, 92%, 95%
CMY	0.4470, 0.0784, 0.0549
CMYK	0.41, 0.02, 0.00, 0.05
HSL	184°, 78%, 75%
HSV	184°, 41%, 95%
XYZ	56.5700, 71.4303, 94.0250
YIQ	207.5780, -57.9500, -18.0620

Conversions

Conversions Part 2

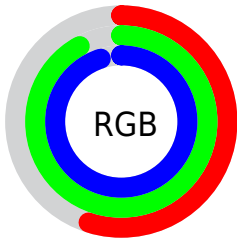
Format	Color
RYB	141, 189, 241
Decimal	9300977
CIELab	87.69, -26.37, -11.67
CIELCh	88, 28.839, 203.875
Yxy	71.4303, 0.2548, 0.3217
Android (android.graphics.Color)	4287491057 (0xFF8DEBF1)
YUV	207.5780, 16.4770, -58.3889
Hunter-Lab	84.5164, -28.4271, -6.7989

Details

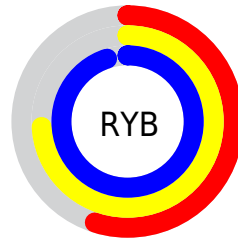
The XYZ color **56.5700, 71.4303, 94.0250** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.5182, 41.4922, 30.4944**, and the grayscale version is **59.6066, 62.7108, 68.2920**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **28.4443, 37.5820, 51.6538** is the 20% darker color. If you saturate the color by 10%, you get **52.4980, 68.7209, 93.7179**, and if you desaturate by 10%, it is **61.5412, 74.6116, 94.3783**.

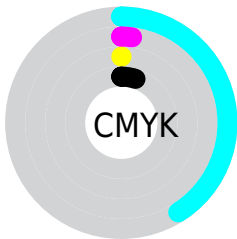
Distribution



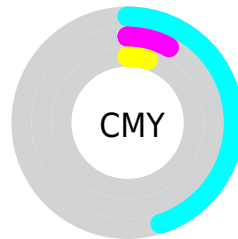
- Red (55%)
- Green (92%)
- Blue (95%)



- Red (55%)
- Yellow (74%)
- Blue (95%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (45%)
- Magenta (8%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5700, 71.4303, 94.0250 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 56.5700, 71.4303, 94.0250 by changing the saturation by 10% instead.

56.5700, 71.4303,
94.0250

56.5700, 71.4303,
94.0250

401.8764,
465.5562, 561.9433

40.8989, 52.6934,
70.7313

98.9725, 121.2462,
154.9009

28.4274, 37.5581,
51.6425

126.4346,
153.0941, 193.3202

18.7902, 25.6399,
36.3399

158.5577,
190.0810, 237.6185

11.6219, 16.5544,
24.4051

195.7072,
232.5915, 288.2143

6.5571, 9.9173,
15.4194

238.2485,
281.0098, 345.5261

3.2306, 5.3442,
8.9644

286.5469,

1.2768, 2.4506,

335.7205, 409.9725

4.6215

340.9677,
397.1078, 481.9721

■ 0.1658, 0.8517,
1.9721

■ 0.0000, 0.0000,
0.5380

■ 56.5700, 71.4303,
94.0250

■ 56.5700, 71.4303,
94.0250

■ 52.4980, 68.7209,
93.7179

■ 61.5412, 74.6116,
94.3783

■ 49.2603, 66.4449,
93.4492


■ 67.4584, 78.2839,
94.7752


■ 46.7937, 64.5714,
93.2176


■ 74.3727, 82.4752,
95.2198


■ 45.0231, 63.0617,
93.0195


■ 82.3297, 87.2091,
95.7142


 43.8584, 61.8692,
92.8507


 88.9385, 91.2530,
96.1464

 43.2228, 61.0418,
92.7245

 89.3709, 92.1180,
96.2906

 89.8068, 92.9898,
96.4359

 90.2461, 93.8684,
96.5823

 90.6889, 94.7538,
96.7299

Harmonies

Analogous

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



55.6458, 71.4303, 73.8281



56.5700, 71.4303, 94.0250



60.4354, 71.4303, 112.3096

Triad

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



56.5700, 71.4303, 94.0250



79.0704, 71.4303, 102.1420



69.3043, 71.4303, 46.0339

Complementary

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



56.5700, 71.4303, 94.0250



51.5182, 41.4922, 30.4944

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.



75.9387, 71.4303, 51.1635



56.5700, 71.4303, 94.0250



81.8156, 71.4303, 81.8611

Square

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



56.5700, 71.4303, 94.0250



73.3515, 71.4303, 117.5190



80.6328, 71.4303, 63.5150



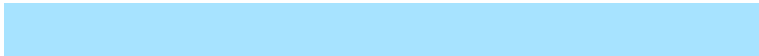
62.7110, 71.4303, 48.1854

Rectangle

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



56.5700, 71.4303, 94.0250



64.3073, 71.4303, 119.8247



80.6328, 71.4303, 63.5150



71.6082, 71.4303, 46.9321

Sweetspot

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



56.5721, 71.4331, 94.0267



84.0919, 93.4859, 108.2202



47.6296, 70.6501, 38.3222



17.7663, 19.8697, 23.1488



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.



56.5721, 71.4331, 94.0267



60.2459, 78.5082, 106.5860



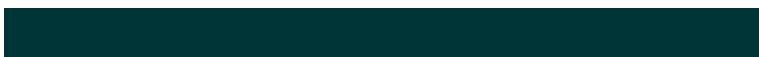
44.4221, 47.1331, 89.9767



16.1614, 17.7570, 20.2973



23.4746, 33.1735, 50.2937



1.9773, 2.8086, 4.1921

Inverse Universe

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



60.7977, 43.7504, 83.8407



65.7372, 43.3054, 93.1757



60.8247, 60.1053, 33.5966



16.4109, 16.0141, 19.7202



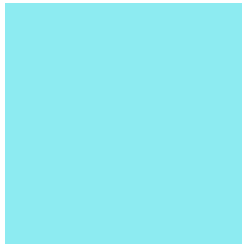
27.1745, 13.1422, 40.4311



2.2730, 1.0982, 3.4285

Previews

White Background



This preview shows how the XYZ color 56.5700, 71.4303, 94.0250 looks on a white background.

Color Contrast Check

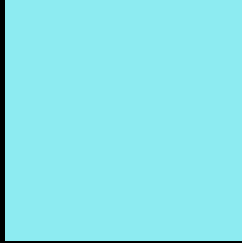
Large Text (above 18pt) WCAG AA × Fail

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 56.5700, 71.4303, 94.0250 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 56.5700, 71.4303, 94.0250

Background



This preview shows how black text looks on a background with the XYZ color 56.5700, 71.4303, 94.0250.



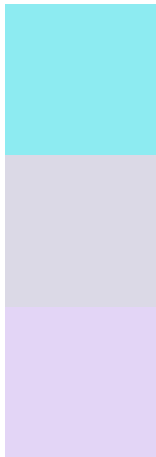
This preview shows how white text looks on a background with the XYZ color 56.5700, 71.4303,

94.0250.

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

56.5700, 71.4303, 94.0250

Protanopia

68.3092, 70.3989, 84.8510

Deuteranopia

72.1074, 70.5732, 97.0103



Tritanopia

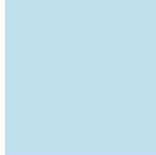
58.2112, 71.2354, 102.7772

Trichromacy



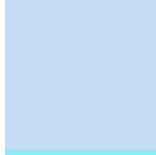
Original Color

56.5700, 71.4303, 94.0250



Protanomaly

62.9928, 70.3282, 88.0965



Deuteranomaly

64.9505, 69.9803, 95.6722



Tritanomaly

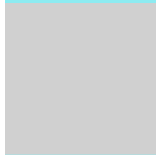
57.6938, 71.4626, 99.5598

Monochromacy



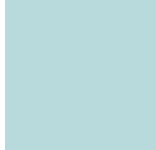
Original Color

56.5700, 71.4303, 94.0250



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.7568, 65.5005, 77.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5700, 71.4303, 94.0250 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(141, 235, 241)` looks like.

```
.text, #text, p{  
    color:rgb(141, 235, 241)  
}
```

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(141, 235, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 235, 241) }
```

Border

The CSS property to change the border of an element to XYZ 56.5700, 71.4303, 94.0250 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(141, 235, 241) }
```


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

```
.border{ border-color:rgb(141, 235, 241) }
```

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

Here you see how a box with a 4 pixel rgb(141, 235, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 235, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 235, 241);  
box-shadow:4px 4px 4px 4px rgb(141, 235,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5700, 71.4303, 94.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 235, 241) }
```

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

```
.background{ background-color: rgb(141,  
235, 241) }
```

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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