

Converting Colors

XYZ(57.8392, 72.0533,
101.2210)

Have a look what the booklet for
XYZ(57.8392, 72.0533, 101.2210)
contains.

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Color

**XYZ(57.7789, 71.8942,
101.2742)**

Conversions

Conversions Part 1

Format	Color
Hex	8CEBFA
RGB	140, 235, 250
RGB Percent	55%, 92%, 98%
CMY	0.4510, 0.0784, 0.0196
CMYK	0.44, 0.06, 0.00, 0.02
HSL	188°, 92%, 76%
HSV	188°, 44%, 98%
XYZ	57.7789, 71.8942, 101.2742
YIQ	208.3050, -61.4350, -15.4750

Conversions

Conversions Part 2

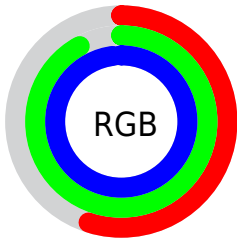
Format	Color
R_{YB}	140, 191, 250
Decimal	9235450
CIE _{Lab}	87.92, -24.36, -16.06
CIE _{LCh}	88, 29.179, 213.394
Yxy	71.8942, 0.2502, 0.3113
Android (android.graphics.Color)	4287425530 (0xFF8CEBFA)
YUV	208.3050, 20.5556, -59.9035
Hunter-Lab	84.7904, -26.7477, -11.4630

Details

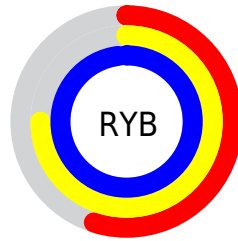
The XYZ color **57.7789, 71.8942, 101.2742** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **55.8808, 45.6616, 30.6813**, and the grayscale version is **60.0533, 63.1808, 68.8039**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **29.2510, 37.8846, 56.8097** is the 20% darker color. If you saturate the color by 10%, you get **53.0692, 68.0329, 100.7784**, and if you desaturate by 10%, it is **63.4685, 76.2917, 101.8244**.

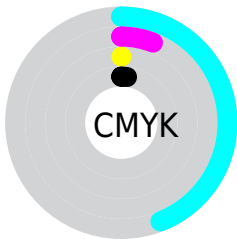
Distribution



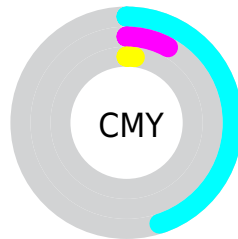
- Red (55%)
- Green (92%)
- Blue (98%)



- Red (55%)
- Yellow (75%)
- Blue (98%)



- Cyan (44%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (45%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7789, 71.8942, 101.2742 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 57.7789, 71.8942, 101.2742 by changing the saturation by 10% instead.

■ 57.7789, 71.8942,
101.2742

■ 57.7789, 71.8942,
101.2742

406.3287,
467.1733, 585.5517

■ 41.8735, 53.0723,
76.7423

■ 100.7256,
121.9061, 164.9742

■ 29.1929, 37.8605,
56.5311

■ 128.4977,
153.8648, 204.9795

■ 19.3718, 25.8744,
40.2220

160.9560,
190.9713, 250.9796

■ 12.0449, 16.7297,
27.3966

198.4659,
233.6099, 303.3930

■ 6.8467, 10.0420,
17.6362

241.3927,
282.1650, 362.6385

■ 3.4119, 5.4268,
10.5224

290.1019,

■ 1.3751, 2.4998,

337.0210, 429.1343

5.6366

344.9588,
398.5623, 503.2993

■ 0.2384, 0.8765,
2.5602

■ 0.0000, 0.0000,
0.8718

■ 57.7789, 71.8942,
101.2742

■ 57.7789, 71.8942,
101.2742

■ 53.0692, 68.0329,
100.7784

■ 63.4685, 76.2917,
101.8244

■ 49.2672, 64.6655,
100.3288

■ 70.1911, 81.2480,
102.4267

■ 46.3010, 61.7565,
99.9236

■ 78.0036, 86.7942,
103.0855

■ 44.0848, 59.2614,
99.5588

■ 86.9569, 92.9567,
103.8031

■ 42.5137, 57.1260,
99.2295

■ 93.3209, 97.8128,
104.4050

■ 41.7895, 55.9701,
99.0445

■ 94.2556, 99.6822,
104.7166

Harmonies

Analogous

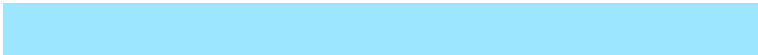
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.8503, 71.8942, 80.5665



57.7789, 71.8942, 101.2742



62.5251, 71.8942, 117.6980

Triad

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



57.7789, 71.8942, 101.2742



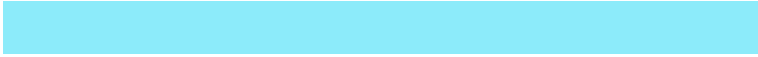
80.9826, 71.8942, 96.6892



67.5458, 71.8942, 45.9719

Complementary

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



57.7789, 71.8942, 101.2742



55.8808, 45.6616, 30.6813

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.



74.4904, 71.8942, 48.8220



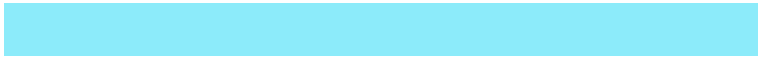
57.7789, 71.8942, 101.2742



82.5501, 71.8942, 76.0383

Square

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



57.7789, 71.8942, 101.2742



75.9502, 71.8942, 114.7515



80.1005, 71.8942, 59.0607



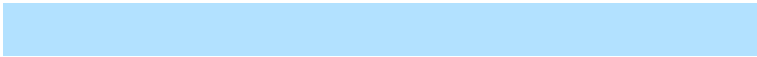
61.2435, 71.8942, 50.4935

Rectangle

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



57.7789, 71.8942, 101.2742



66.8084, 71.8942, 122.7508



80.1005, 71.8942, 59.0607



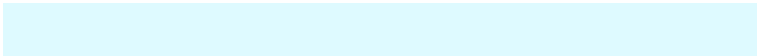
69.8812, 71.8942, 46.1030

Sweetspot

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



57.7811, 71.8970, 101.2759



82.4633, 91.3959, 107.9026



50.8910, 76.3036, 42.9117



17.2369, 19.2734, 23.0616



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.



57.7811, 71.8970, 101.2759



55.9355, 71.5235, 105.4650



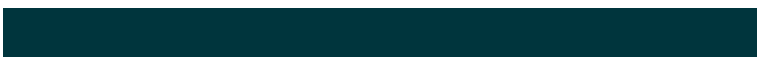
44.4611, 45.2570, 96.8359



17.5522, 19.1812, 22.1625



22.2448, 29.8453, 52.5618



2.1142, 2.8721, 4.8861

Inverse Universe

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



63.7997, 45.0804, 83.9389



63.1621, 40.7464, 84.3296



67.1240, 68.1481, 34.4291



17.8852, 17.4815, 21.2514



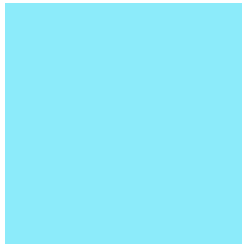
27.5202, 13.4238, 35.7774



2.5761, 1.2542, 3.4571

Previews

White Background



This preview shows how the XYZ color 57.7789, 71.8942, 101.2742 looks on a white background.

Color Contrast Check

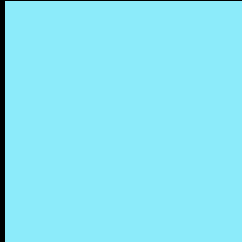
Large Text (above 18pt) WCAG AA × Fail

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 57.7789, 71.8942, 101.2742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

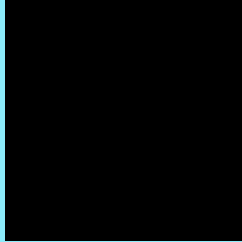
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.7789, 71.8942, 101.2742

Background



This preview shows how black text looks on a background with the XYZ color 57.7789, 71.8942, 101.2742.

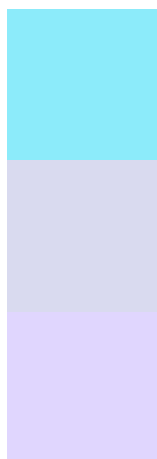


This preview shows how white text looks on a background with the XYZ color 57.7789, 71.8942,

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

57.7789, 71.8942, 101.2742

Protanopia

69.2667, 71.1265, 91.7394

Deuteranopia

72.6764, 71.0962, 103.6584



Tritanopia

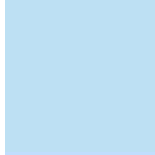
58.1369, 71.6002, 103.6846

Trichromacy



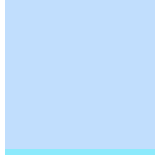
Original Color

57.7789, 71.8942, 101.2742



Protanomaly

63.8196, 70.6012, 95.0578



Deuteranomaly

65.8432, 70.6719, 103.0992



Tritanomaly

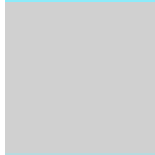
57.9780, 71.5366, 102.8476

Monochromacy



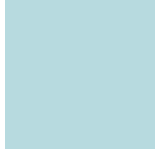
Original Color

57.7789, 71.8942, 101.2742



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

57.9191, 65.5378, 79.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7789, 71.8942, 101.2742 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(140, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(140, 235, 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(140, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 235, 250) }
```

Border

The CSS property to change the border of an element to XYZ 57.7789, 71.8942, 101.2742 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(140, 235, 250) }
```


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

```
.border{ border-color:rgb(140, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(140, 235,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7789, 71.8942, 101.2742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 235, 250) }
```

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

```
.background{ background-color: rgb(140,  
235, 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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