

Converting Colors

XYZ(58.6892, 71.9775,
102.4844)

Have a look what the booklet for
XYZ(58.6892, 71.9775, 102.4844)
contains.

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Color

**XYZ(58.6706, 71.8937,
102.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	91EAFC
RGB	145, 234, 252
RGB Percent	57%, 92%, 99%
CMY	0.4314, 0.0823, 0.0118
CMYK	0.42, 0.07, 0.00, 0.01
HSL	190°, 95%, 78%
HSV	190°, 42%, 99%
XYZ	58.6706, 71.8937, 102.8801
YIQ	209.4410, -58.8220, -13.2700

Conversions

Conversions Part 2

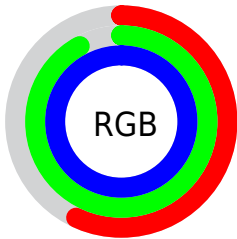
Format	Color
RYB	145, 194, 252
Decimal	9562876
CIELab	87.92, -22.19, -17.09
CIElCh	88, 28.009, 217.593
Yxy	71.8937, 0.2513, 0.3080
Android (android.graphics.Color)	4287752956 (0xFF91EAFC)
YUV	209.4410, 20.9816, -56.5148
Hunter-Lab	84.7902, -24.8696, -12.5864

Details

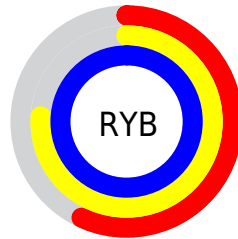
The XYZ color **58.6706, 71.8937, 102.8801** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.3543, 48.9354, 33.1599**, and the grayscale version is **60.7890, 63.9547, 69.6467**.

A 20% lighter version of the original color is **78.4386, 91.4365, 108.1226**, and **29.7012, 37.8072, 57.3619** is the 20% darker color. If you saturate the color by 10%, you get **53.5211, 67.4705, 102.2990**, and if you desaturate by 10%, it is **64.8381, 76.8879, 103.5203**.

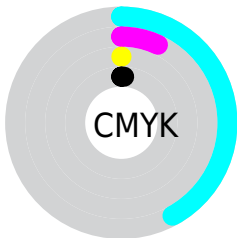
Distribution



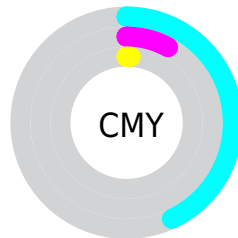
- Red (57%)
- Green (92%)
- Blue (99%)



- Red (57%)
- Yellow (76%)
- Blue (99%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (43%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6706, 71.8937, 102.8801 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 58.6706, 71.8937, 102.8801 by changing the saturation by 10% instead.

58.6706, 71.8937,
102.8801

58.6706, 71.8937,
102.8801

409.5938,
467.1715, 590.7130

42.5934, 53.0718,
78.0778

102.0161,
121.9054, 167.1958

29.7593, 37.8601,
57.6210

130.0151,
153.8640, 207.5462

19.8031, 25.8741,
41.0914

162.7188,
190.9703, 253.9164

12.3595, 16.7295,
28.0702

200.4924,
233.6088, 306.7249

7.0629, 10.0418,
18.1391

243.7013,
282.1637, 366.3903

3.5482, 5.4267,
10.8794

292.7110,

1.4498, 2.4997,

337.0196, 433.3311

5.8727

347.8867,
398.5607, 507.9658

■ 0.2913, 0.8765,
2.7003

■ 0.0000, 0.0000,
0.9436

■ 58.6706, 71.8937,
102.8801

■ 58.6706, 71.8937,
102.8801

■ 53.5211, 67.4705,
102.2990

■ 64.8381, 76.8879,
103.5203

■ 49.3170, 63.5756,
101.7688

■ 72.0771, 82.4759,
104.2173

■ 45.9864, 60.1733,
101.2876

■ 80.4450, 88.6894,
104.9756

■ 43.4438, 57.2192,
100.8514

■ 89.9932, 95.5550,
105.7976

■ 41.5860, 54.6598,
100.4553

94.5709, 99.8084,
106.3773

■ 40.5222, 52.9308,
100.1777

Harmonies

Analogous

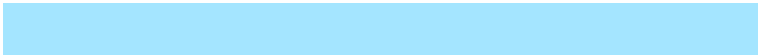
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3977, 71.8937, 83.2320



58.6706, 71.8937, 102.8801



63.5621, 71.8937, 117.3620

Triad

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



58.6706, 71.8937, 102.8801



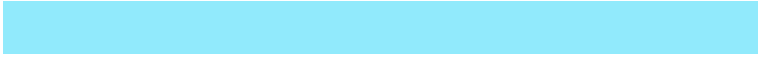
80.8821, 71.8937, 93.1244



66.6529, 71.8937, 47.2375

Complementary

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



58.6706, 71.8937, 102.8801



58.3543, 48.9354, 33.1599

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.



73.3365, 71.8937, 49.0085



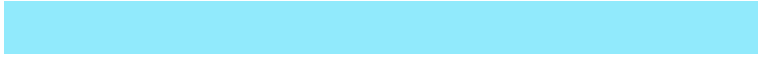
58.6706, 71.8937, 102.8801



81.8431, 71.8937, 73.5284

Square

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



58.6706, 71.8937, 102.8801



76.4551, 71.8937, 111.1214



79.0015, 71.8937, 57.9517



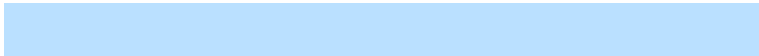
60.8072, 71.8937, 52.6452

Rectangle

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



58.6706, 71.8937, 102.8801



67.7959, 71.8937, 120.9871



79.0015, 71.8937, 57.9517



68.8725, 71.8937, 47.0310

Sweetspot

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



58.6728, 71.8965, 102.8818



82.1352, 90.7397, 107.7933



53.0851, 78.2805, 46.8859



17.1551, 19.1099, 23.0344



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.



58.6728, 71.8965, 102.8818



55.6744, 69.9247, 105.1702



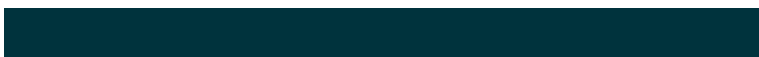
45.7058, 45.9624, 98.5594



17.5028, 19.0824, 22.1461



21.2029, 27.7613, 52.2145



2.0274, 2.6985, 4.8572

Inverse Universe

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



65.1234, 46.8888, 83.4630



63.2931, 41.8049, 81.9175



69.8987, 72.0243, 37.0080



17.8603, 17.4715, 21.1201



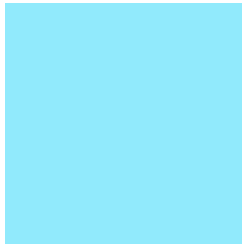
26.9943, 13.2134, 33.0078



2.5323, 1.2366, 3.2263

Previews

White Background



This preview shows how the XYZ color 58.6706, 71.8937, 102.8801 looks on a white background.

Color Contrast Check

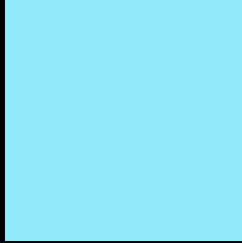
Large Text (above 18pt) WCAG AA × Fail

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 58.6706, 71.8937, 102.8801 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 58.6706, 71.8937, 102.8801

Background



This preview shows how black text looks on a background with the XYZ color 58.6706, 71.8937, 102.8801.

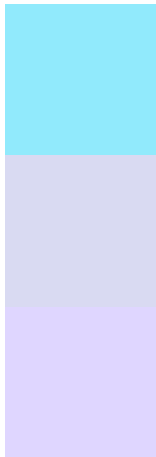


This preview shows how white text looks on a background with the XYZ color 58.6706, 71.8937,

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

58.6706, 71.8937, 102.8801

Protanopia

69.7137, 71.3053, 94.0934

Deuteranopia

72.5280, 71.0011, 104.4897



Tritanopia

58.8295, 71.9572, 103.7170

Trichromacy



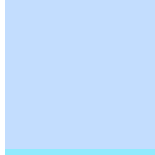
Original Color

58.6706, 71.8937, 102.8801



Protanomaly

64.7761, 71.0415, 97.4871



Deuteranomaly

66.2515, 70.4708, 103.8763



Tritanomaly

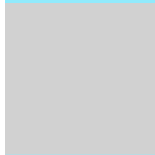
58.8295, 71.9572, 103.7170

Monochromacy



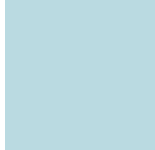
Original Color

58.6706, 71.8937, 102.8801



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.9117, 66.0182, 80.8720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6706, 71.8937, 102.8801 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(145, 234, 252)` looks like.

```
.text, #text, p{  
    color:rgb(145, 234, 252)  
}
```

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(145, 234, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 234, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.6706, 71.8937, 102.8801 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(145, 234, 252) }
```


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

```
.border{ border-color:rgb(145, 234, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 234, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 234, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 234, 252);  
box-shadow:4px 4px 4px 4px rgb(145, 234,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6706, 71.8937, 102.8801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 234, 252) }
```

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

```
.background{ background-color: rgb(145,  
234, 252) }
```

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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