

Converting Colors

XYZ(68.9037, 74.8748,
162.1113)

Have a look what the booklet for
XYZ(68.9037, 74.8748, 162.1113)
contains.

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Color

**XYZ(58.2343, 70.7729,
105.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE8FF
RGB	143, 232, 255
RGB Percent	56%, 91%, 100%
CMY	0.4392, 0.0902, 0.0000
CMYK	0.44, 0.09, 0.00, 0.00
HSL	192°, 100%, 78%
HSV	192°, 44%, 100%
XYZ	58.2343, 70.7729, 105.1990
YIQ	208.0110, -60.4270, -11.7150

Conversions

Conversions Part 2

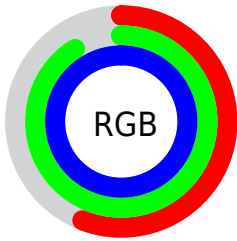
Format	Color
RYB	143, 193, 255
Decimal	9431295
CIELab	87.37, -20.91, -19.49
CIELCh	87, 28.583, 222.980
Yxy	70.7729, 0.2486, 0.3022
Android (android.graphics.Color)	4287621375 (0xFF8FE8FF)
YUV	208.0110, 23.1656, -57.0146
Hunter-Lab	84.1266, -23.6600, -15.2526

Details

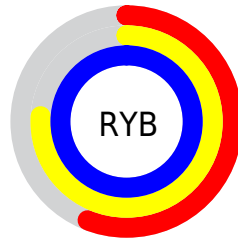
The XYZ color **58.2343, 70.7729, 105.1990** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.8347, 50.5161, 32.5855**, and the grayscale version is **59.8458, 62.9624, 68.5661**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **29.3745, 37.0127, 59.0220** is the 20% darker color. If you saturate the color by 10%, you get **52.8598, 65.8483, 104.5317**, and if you desaturate by 10%, it is **64.6598, 76.3077, 105.9287**.

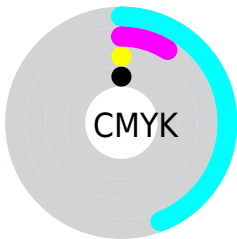
Distribution



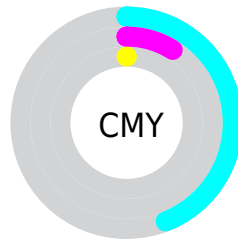
- Red (56%)
- Green (91%)
- Blue (100%)



- Red (56%)
- Yellow (76%)
- Blue (100%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2343, 70.7729, 105.1990 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 58.2343, 70.7729, 105.1990 by changing the saturation by 10% instead.

58.2343, 70.7729,
105.1990

58.2343, 70.7729,
105.1990

407.9982,
463.2592, 598.1241

42.2410, 52.1569,
80.0085

101.3850,
120.3103, 170.3976

29.4820, 37.1301,
59.1991

129.2731,
152.0005, 211.2428

19.5919, 25.3083,
42.3524

161.8569,
188.8175, 258.1432

12.2053, 16.3069,
29.0497

199.5017,
231.1458, 311.5176

6.9568, 9.7416,
18.8725

242.5729,
279.3697, 371.7843

3.4812, 5.2279,
11.4023

291.4358,

1.4130, 2.3816,

333.8736, 439.3619

6.2206

346.4558,
395.0420, 514.6690

■ 0.2655, 0.8164,
2.9087

■ 0.0000, 0.0000,
1.0482

■ 58.2343, 70.7729,
105.1990

■ 58.2343, 70.7729,
105.1990

■ 52.8598, 65.8483,
104.5317

■ 64.6598, 76.3077,
105.9287

■ 48.4613, 61.4899,
103.9223

■ 72.1933, 82.4779,
106.7226

■ 44.9628, 57.6595,
103.3674

■ 80.8944, 89.3162,
107.5839

■ 42.2739, 54.3100,
102.8626

■ 90.8166, 96.8509,
108.5153

■ 40.2844, 51.3839,
102.4026

95.0500, 100.0000,
108.9000

■ 39.3212, 49.7624,
102.1404

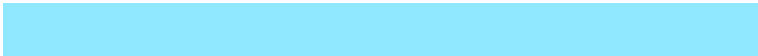
Harmonies

Analogous

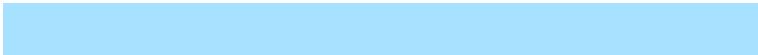
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



55.4250, 70.7729, 85.6905



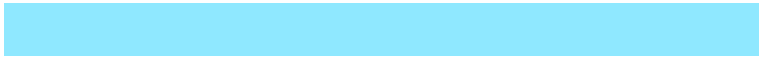
58.2343, 70.7729, 105.1990



63.5490, 70.7729, 118.2246

Triad

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



58.2343, 70.7729, 105.1990



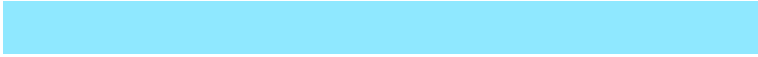
80.4207, 70.7729, 88.4290



64.4016, 70.7729, 46.2841

Complementary

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



58.2343, 70.7729, 105.1990



59.8347, 50.5161, 32.5855

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.



71.1283, 70.7729, 46.7673



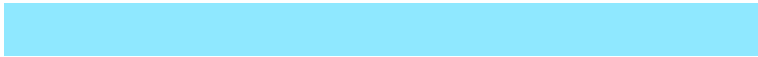
58.2343, 70.7729, 105.1990



80.6871, 70.7729, 69.0287

Square

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



58.2343, 70.7729, 105.1990



76.4845, 70.7729, 107.4899



77.1897, 70.7729, 54.4471



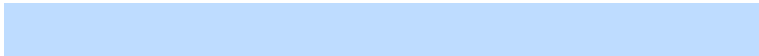
58.8225, 70.7729, 52.9940

Rectangle

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



58.2343, 70.7729, 105.1990



67.9427, 70.7729, 120.3302



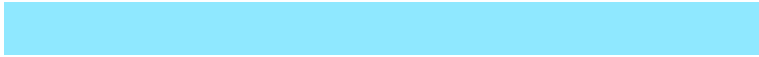
77.1897, 70.7729, 54.4471



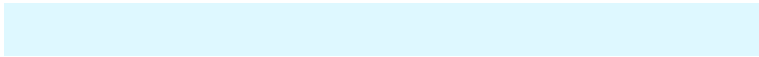
66.5968, 70.7729, 45.6483

Sweetspot

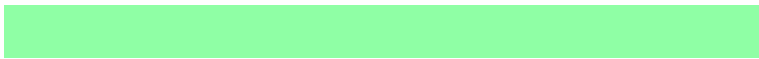
The Sweet Spot groups the original color and five complimentary colors.



58.2363, 70.7755, 105.1994



81.7551, 89.9796, 107.6666



53.9169, 80.0914, 48.4078



17.0605, 18.9206, 23.0028



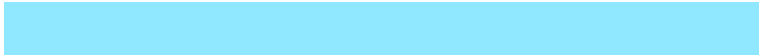
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2363, 70.7755, 105.1994



53.3123, 66.2772, 104.5907



45.0224, 44.3479, 100.7948



18.2195, 19.8107, 23.1135



20.6566, 26.2228, 53.4074



2.0873, 2.7054, 5.2254

Inverse Universe

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



65.6292, 46.7328, 81.9082



61.8381, 40.2167, 77.3572



72.1609, 75.1685, 36.6942



18.6235, 18.2327, 21.9002



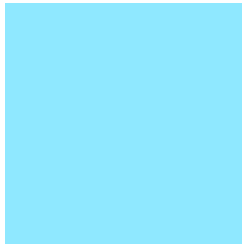
27.2147, 13.3752, 30.8447



2.6882, 1.3177, 3.2055

Previews

White Background



This preview shows how the XYZ color 58.2343, 70.7729, 105.1990 looks on a white background.

Color Contrast Check

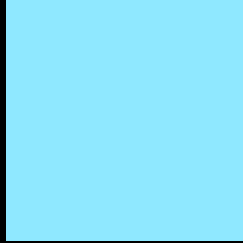
Large Text (above 18pt) WCAG AA × Fail

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 58.2343, 70.7729, 105.1990 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 58.2343, 70.7729, 105.1990

Background



This preview shows how black text looks on a background with the XYZ color 58.2343, 70.7729, 105.1990.

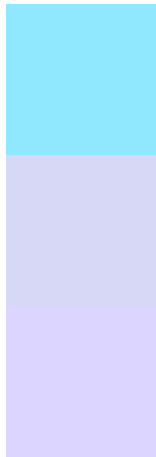


This preview shows how white text looks on a background with the XYZ color 58.2343, 70.7729,

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

58.2343, 70.7729, 105.1990

Protanopia

68.7689, 70.0004, 96.2731

Deuteranopia

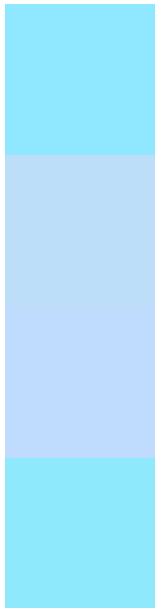
71.0577, 69.8686, 104.3486



Tritanopia

57.7068, 70.9936, 101.9285

Trichromacy



Original Color

58.2343, 70.7729, 105.1990

Protanomaly

63.9592, 69.7735, 99.7191

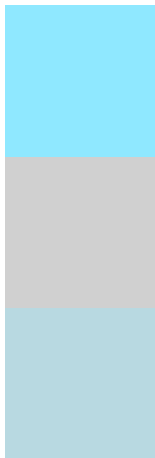
Deuteranomaly

65.1291, 69.4828, 104.5866

Tritanomaly

57.8649, 71.0569, 102.7610

Monochromacy



Original Color

58.2343, 70.7729, 105.1990

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.1706, 65.2523, 80.7632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2343, 70.7729, 105.1990 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(143, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(143, 232, 255)  
}
```

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(143, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.2343, 70.7729, 105.1990 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(143, 232, 255) }
```


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

```
.border{ border-color:rgb(143, 232, 255) }
```

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

Here you see how a box with a 4 pixel rgb(143, 232, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(143, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2343, 70.7729, 105.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 232, 255) }
```

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

```
.background{ background-color: rgb(143,  
232, 255) }
```

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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