

Converting Colors

XYZ(57.5883, 72.2277,
107.1186)

Have a look what the booklet for
XYZ(57.5883, 72.2277, 107.1186)
contains.

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Color

**XYZ(57.2514, 71.9567,
105.4793)**

Conversions

Conversions Part 1

Format	Color
Hex	82ECFF
RGB	130, 236, 255
RGB Percent	51%, 93%, 100%
CMY	0.4902, 0.0745, 0.0000
CMYK	0.49, 0.07, 0.00, 0.00
HSL	189°, 100%, 75%
HSV	189°, 49%, 100%
XYZ	57.2514, 71.9567, 105.4793
YIQ	206.4720, -69.2750, -16.5630

Conversions

Conversions Part 2

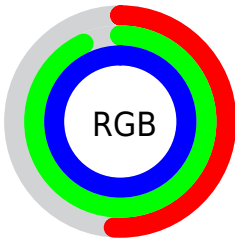
Format	Color
R_{YB}	130, 187, 255
Decimal	8580351
CIE _{Lab}	87.95, -25.78, -18.67
CIE _{LCh}	88, 31.836, 215.912
Yxy	71.9567, 0.2439, 0.3066
Android (android.graphics.Color)	4286770431 (0xFF82ECFF)
YUV	206.4720, 23.9243, -67.0659
Hunter-Lab	84.8273, -27.9750, -14.3456

Details

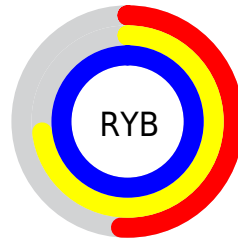
The XYZ color **57.2514, 71.9567, 105.4793** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **56.0175, 44.3675, 26.7326**, and the grayscale version is **58.8538, 61.9188, 67.4296**.

A 20% lighter version of the original color is **75.0452, 89.6871, 107.9638**, and **28.8290, 37.9130, 59.2246** is the 20% darker color. If you saturate the color by 10%, you get **52.7106, 67.9789, 104.9508**, and if you desaturate by 10%, it is **62.7894, 76.4878, 106.0620**.

Distribution



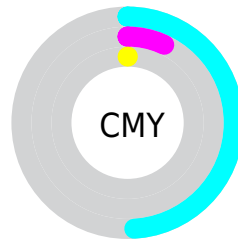
- Red (51%)
- Green (93%)
- Blue (100%)



- Red (51%)
- Yellow (73%)
- Blue (100%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2514, 71.9567, 105.4793 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 57.2514, 71.9567, 105.4793 by changing the saturation by 10% instead.

57.2514, 71.9567,
105.4793

57.2514, 71.9567,
105.4793

404.3896,
467.3909, 599.0167

41.4480, 53.1233,
80.2421

99.9612, 121.9950,
170.7841

28.8586, 37.9012,
59.3902

127.5983,
153.9686, 211.6888

19.1176, 25.9060,
42.5053

159.9107,
191.0912, 258.6531

11.8598, 16.7534,
29.1686

197.2638,
233.7470, 312.0954

6.7198, 10.0588,
18.9617

240.0228,
282.3205, 372.4344

3.3322, 5.4380,
11.4661

288.5533,

1.3318, 2.5064,

337.1960, 440.0886

6.2632

343.2204,
398.7580, 515.4765

■ 0.2068, 0.8799,
2.9344

■ 0.0000, 0.0000,
1.0612

■ 57.2514, 71.9567,
105.4793

■ 57.2514, 71.9567,
105.4793

■ 52.7106, 67.9789,
104.9508

■ 62.7894, 76.4878,
106.0620

■ 49.0880, 64.5086,
104.4719

■ 69.3844, 81.5983,
106.7008

■ 46.3021, 61.5051,
104.0390

■ 77.0981, 87.3219,
107.3990

■ 44.2542, 58.9173,
103.6475

■ 85.9860, 93.6874,
108.1593

■ 42.7981, 56.6696, 95.0500, 100.0000,
103.2904 108.9000

■ 42.6689, 56.4577,
103.2563

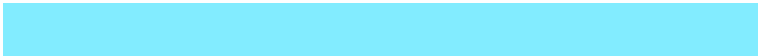
Harmonies

Analogous

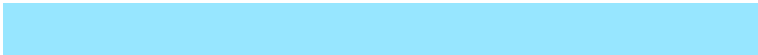
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8920, 71.9567, 82.7287



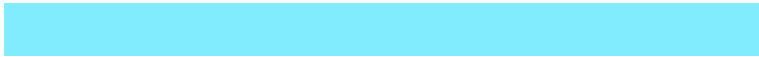
57.2514, 71.9567, 105.4793



62.6134, 71.9567, 122.9818

Triad

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



57.2514, 71.9567, 105.4793



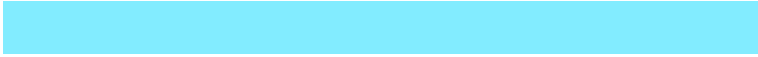
82.5843, 71.9567, 96.6548



66.9019, 71.9567, 43.7235

Complementary

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



57.2514, 71.9567, 105.4793



56.0175, 44.3675, 26.7326

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.



74.5171, 71.9567, 46.0785



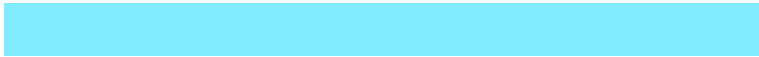
57.2514, 71.9567, 105.4793



83.9433, 71.9567, 74.1259

Square

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



57.2514, 71.9567, 105.4793



77.3053, 71.9567, 117.2638



80.8930, 71.9567, 56.3214



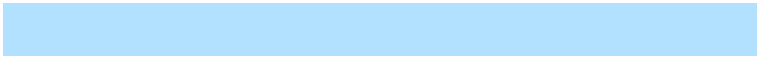
60.1928, 71.9567, 49.1640

Rectangle

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



57.2514, 71.9567, 105.4793



67.3587, 71.9567, 127.8109



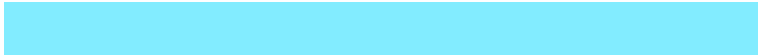
80.8930, 71.9567, 56.3214



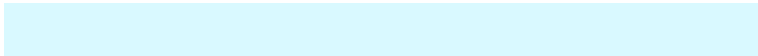
69.4372, 71.9567, 43.6450

Sweetspot

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



57.2534, 71.9594, 105.4797



80.5245, 89.8004, 107.6969



50.3721, 78.4284, 40.8147



16.8456, 18.9398, 23.0178



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.



57.2534, 71.9594, 105.4797



52.7176, 67.9853, 104.9517



42.3454, 42.1434, 100.5104



18.3058, 19.9833, 23.1423



22.3843, 29.6782, 53.9833



2.2403, 3.0114, 5.2764

Inverse Universe

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



64.3643, 43.2832, 84.3218



60.8305, 37.1056, 80.4004



68.6266, 69.5858, 30.9356



18.6670, 18.2501, 22.1297



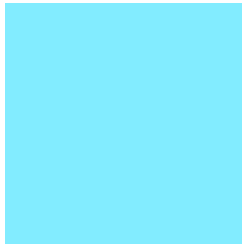
28.0868, 13.7240, 35.4370



2.7654, 1.3485, 3.6121

Previews

White Background



This preview shows how the XYZ color 57.2514, 71.9567, 105.4793 looks on a white background.

Color Contrast Check

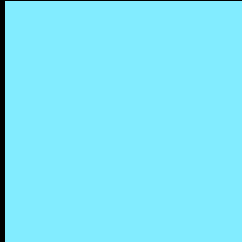
Large Text (above 18pt) WCAG AA × Fail

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 57.2514, 71.9567, 105.4793 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 57.2514, 71.9567, 105.4793

Background



This preview shows how black text looks on a background with the XYZ color 57.2514, 71.9567, 105.4793.

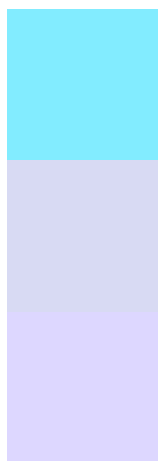


This preview shows how white text looks on a background with the XYZ color 57.2514, 71.9567,

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

57.2514, 71.9567, 105.4793

Protanopia

69.5680, 71.2128, 94.8728

Deuteranopia

72.1692, 71.1930, 104.5456



Tritanopia

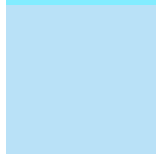
57.2514, 71.9567, 105.4793

Trichromacy



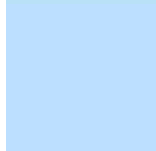
Original Color

57.2514, 71.9567, 105.4793



Protanomaly

63.7213, 70.8801, 98.3184



Deuteranomaly

65.1767, 70.6867, 104.8165



Tritanomaly

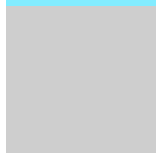
57.2514, 71.9567, 105.4793

Monochromacy



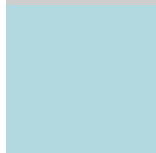
Original Color

57.2514, 71.9567, 105.4793



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

56.6275, 64.4725, 79.9809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2514, 71.9567, 105.4793 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(130, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 236, 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(130, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.2514, 71.9567, 105.4793 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(130, 236, 255) }
```


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

```
.border{ border-color:rgb(130, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2514, 71.9567, 105.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 236, 255) }
```

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

```
.background{ background-color: rgb(130,  
236, 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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