

Converting Colors

XYZ(84.1689, 83.5426,
259.4374)

Have a look what the booklet for
XYZ(84.1689, 83.5426, 259.4374)
contains.

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Color

**XYZ(55.1008, 72.1411,
105.6283)**

Conversions

Conversions Part 1

Format	Color
Hex	6CEFFF
RGB	108, 239, 255
RGB Percent	42%, 94%, 100%
CMY	0.5764, 0.0627, 0.0000
CMYK	0.58, 0.06, 0.00, 0.00
HSL	187°, 100%, 71%
HSV	187°, 58%, 100%
XYZ	55.1008, 72.1411, 105.6283
YIQ	201.6550, -83.2120, -22.7960

Conversions

Conversions Part 2

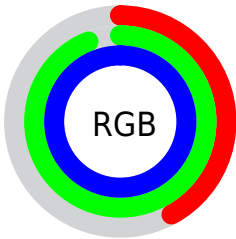
Format	Color
RYB	108, 177, 255
Decimal	7139327
CIELab	88.04, -31.52, -18.61
CIELCh	88, 36.608, 210.562
Yxy	72.1411, 0.2366, 0.3098
Android (android.graphics.Color)	4285329407 (0xFF6CEFFF)
YUV	201.6550, 26.2991, -82.1354
Hunter-Lab	84.9359, -32.8389, -14.2793

Details

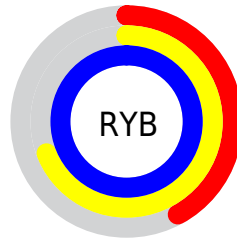
The XYZ color **55.1008, 72.1411, 105.6283** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.1552, 36.7590, 18.5884**, and the grayscale version is **55.8048, 58.7110, 63.9362**.

A 20% lighter version of the original color is **70.6046, 87.3979, 107.7560**, and **27.5525, 38.1638, 59.3403** is the 20% darker color. If you saturate the color by 10%, you get **51.6353, 69.1593, 105.2354**, and if you desaturate by 10%, it is **59.4894, 75.6205, 106.0685**.

Distribution



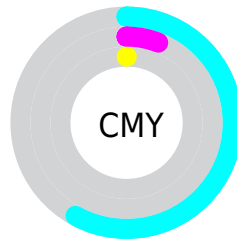
- Red (42%)
- Green (94%)
- Blue (100%)



- Red (42%)
- Yellow (69%)
- Blue (100%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1008, 72.1411, 105.6283 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 55.1008, 72.1411, 105.6283 by changing the saturation by 10% instead.

55.1008, 72.1411,
105.6283

55.1008, 72.1411,
105.6283

396.4241,
468.0326, 599.4908

39.7166, 53.2739,
80.3662

96.8361, 122.2571,
170.9896

27.5009, 38.0215,
59.4918

123.9179,
154.2748, 211.9259

18.0883, 25.9994,
42.5866

155.6296,
191.4447, 258.9240

11.1135, 16.8232,
29.2319

192.3365,
234.1513, 312.4025

6.2111, 10.1085,
19.0092

234.4041,
282.7790, 372.7799

3.0157, 5.4710,
11.5000

282.1977,

1.1621, 2.5262,

337.7122, 440.4747

6.2859

336.0825,
399.3353, 515.9055

■ 0.0761, 0.8897,
2.9481

■ 0.0000, 0.0000,
1.0682

■ 55.1008, 72.1411,
105.6283

■ 55.1008, 72.1411,
105.6283

■ 51.6353, 69.1593,
105.2354

■ 59.4894, 75.6205,
106.0685

■ 49.0052, 66.6250,
104.8848

■ 64.8670, 79.6267,
106.5584

■ 47.1165, 64.4913,
104.5725

■ 71.3002, 84.1958,
107.1012

■ 45.8421, 62.6925,
104.2925

■ 78.8482, 89.3584,
107.6999

■ 45.5875, 62.2949,
104.2292

■ 87.5656, 95.1426,
108.3569

95.0500, 100.0000,
108.9000

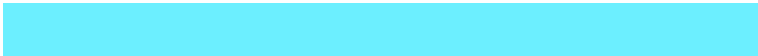
Harmonies

Analogous

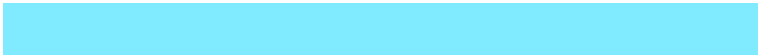
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.1096, 72.1411, 79.0219



55.1008, 72.1411, 105.6283



60.6414, 72.1411, 128.3179

Triad

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



55.1008, 72.1411, 105.6283



84.2567, 72.1411, 104.6364



68.4034, 72.1411, 39.6056

Complementary

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



55.1008, 72.1411, 105.6283



51.1552, 36.7590, 18.5884

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.



77.1568, 72.1411, 43.6693



55.1008, 72.1411, 105.6283



86.7677, 72.1411, 78.0788

Square

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



55.1008, 72.1411, 105.6283



77.4657, 72.1411, 127.6649



84.0680, 72.1411, 56.5456



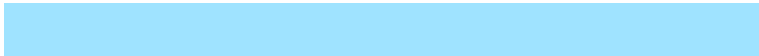
60.3790, 72.1411, 43.9889

Rectangle

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



55.1008, 72.1411, 105.6283



65.8509, 72.1411, 136.1831



84.0680, 72.1411, 56.5456



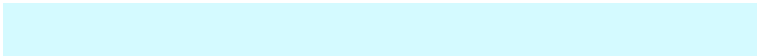
71.3587, 72.1411, 40.0179

Sweetspot

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



55.1028, 72.1437, 105.6287



79.3740, 89.7120, 107.7404



45.5020, 76.1313, 30.9393



16.6418, 18.9679, 23.0340



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

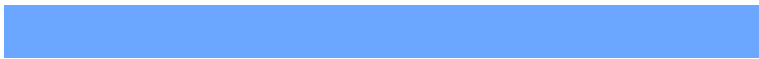
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.1028, 72.1437, 105.6287



51.2316, 68.7903, 105.1854



38.0181, 37.9744, 99.9338



18.3761, 20.1238, 23.1657



23.8884, 32.6863, 54.4846



2.3722, 3.2751, 5.3204

Inverse Universe

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



62.1838, 38.2188, 85.7637



59.1585, 32.9067, 82.4781



63.7329, 61.9143, 22.7809



18.7025, 18.2643, 22.3164



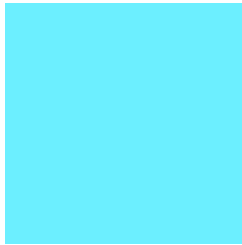
28.8459, 14.0277, 39.4348



2.8320, 1.3752, 3.9626

Previews

White Background



This preview shows how the XYZ color 55.1008, 72.1411, 105.6283 looks on a white background.

Color Contrast Check

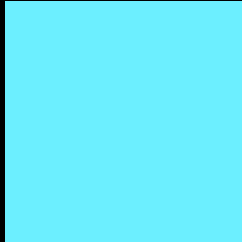
Large Text (above 18pt) WCAG AA × Fail

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 55.1008, 72.1411, 105.6283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

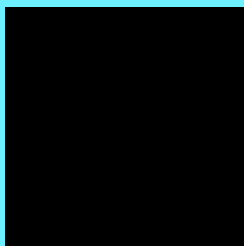
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1008, 72.1411, 105.6283

Background



This preview shows how black text looks on a background with the XYZ color 55.1008, 72.1411, 105.6283.

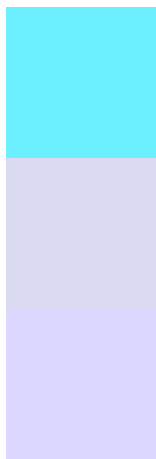


This preview shows how white text looks on a background with the XYZ color 55.1008, 72.1411,

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

55.1008, 72.1411, 105.6283

Protanopia

69.5639, 71.2454, 93.3044

Deuteranopia

71.8656, 71.0365, 104.5314



Tritanopia

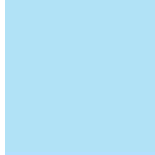
56.5026, 71.9993, 105.5270

Trichromacy



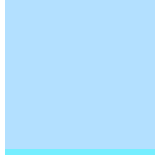
Original Color

55.1008, 72.1411, 105.6283



Protanomaly

61.9624, 70.3936, 97.5103



Deuteranomaly

63.2961, 70.1150, 104.8052



Tritanomaly

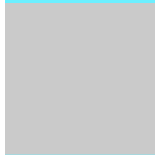
56.0957, 72.2206, 105.5912

Monochromacy



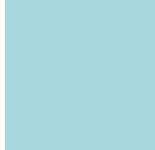
Original Color

55.1008, 72.1411, 105.6283



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.5000, 62.1462, 77.5823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1008, 72.1411, 105.6283 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(108, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(108, 239, 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(108, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.1008, 72.1411, 105.6283 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(108, 239, 255) }
```


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

```
.border{ border-color:rgb(108, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(108, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1008, 72.1411, 105.6283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 239, 255) }
```

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

```
.background{ background-color: rgb(108,  
239, 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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