

Converting Colors

XYZ(55.3367, 73.0607, 98.6870)

Have a look what the booklet for
XYZ(55.3367, 73.0607, 98.6870)
contains.

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Color

**XYZ(55.1308, 72.7559,
98.3264)**

Conversions

Conversions Part 1

Format	Color
Hex	75F0F6
RGB	117, 240, 246
RGB Percent	46%, 94%, 96%
CMY	0.5412, 0.0588, 0.0353
CMYK	0.52, 0.02, 0.00, 0.04
HSL	183°, 88%, 71%
HSV	183°, 52%, 96%
XYZ	55.1308, 72.7559, 98.3264
YIQ	203.9070, -75.2340, -24.2100

Conversions

Conversions Part 2

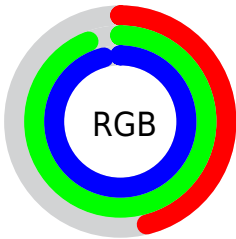
Format	Color
R _Y B	117, 180, 246
Decimal	7729398
CIE Lab	88.33, -32.72, -13.43
CIE LCh	88, 35.368, 202.324
Yxy	72.7559, 0.2437, 0.3216
Android (android.graphics.Color)	4285919478 (0xFF75F0F6)
YUV	203.9070, 20.7518, -76.2174
Hunter-Lab	85.2971, -33.8984, -8.6387

Details

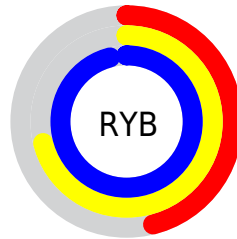
The XYZ color **55.1308, 72.7559, 98.3264** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.3014, 35.0446, 21.0502**, and the grayscale version is **57.2450, 60.2262, 65.5864**.

A 20% lighter version of the original color is **72.1701, 88.2050, 107.8292**, and **27.6537, 38.6271, 54.7135** is the 20% darker color. If you saturate the color by 10%, you get **51.9147, 70.6013, 98.0813**, and if you desaturate by 10%, it is **59.2218, 75.3680, 98.6163**.

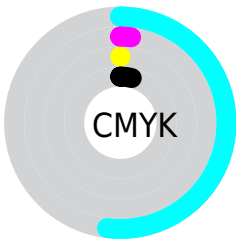
Distribution



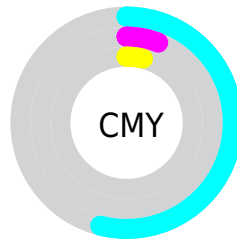
- Red (46%)
- Green (94%)
- Blue (96%)



- Red (46%)
- Yellow (71%)
- Blue (96%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1308, 72.7559, 98.3264 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 55.1308, 72.7559, 98.3264 by changing the saturation by 10% instead.

55.1308, 72.7559,
98.3264

55.1308, 72.7559,
98.3264

396.5359,
470.1684, 576.0143

39.7407, 53.7764,
74.2945

96.8798, 123.1306,
160.8871

27.5197, 38.4229,
54.5369

123.9694,
155.2946, 200.2530

18.1026, 26.3111,
38.6350

155.6895,
192.6222, 245.5674

11.1238, 17.0565,
26.1702

192.4056,
235.4978, 297.2487

6.2181, 10.2748,
16.7241

234.4829,
284.3059, 355.7155

3.0200, 5.5815,
9.8781

282.2868,

1.1644, 2.5923,

339.4307, 421.3863

5.2137

336.1827,
401.2567, 494.6797

■ 0.0780, 0.9228,
2.3122

■ 0.0000, 0.0000,
0.7381

■ 55.1308, 72.7559,
98.3264

■ 55.1308, 72.7559,
98.3264

■ 51.9147, 70.6013,
98.0813

■ 59.2218, 75.3680,
98.6163

■ 49.4972, 68.8598,
97.8726


■ 64.2430, 78.4612,
98.9487


■ 47.8002, 67.4930,
97.6982

■ 70.2532, 82.0673,
99.3279


■ 46.7269, 66.4508,
97.5536


■ 77.3041, 86.2131,
99.7565


 46.2183, 65.8209,
97.4588

 85.4440, 90.9236,
100.2367

 91.0948, 94.3540,
100.6010

 91.4455, 95.0552,
100.7179

 91.7982, 95.7608,
100.8355

 92.1532, 96.4706,
100.9538

Harmonies

Analogous

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



54.2103, 72.7559, 73.1399



55.1308, 72.7559, 98.3264



59.6518, 72.7559, 122.2563

Triad

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



55.1308, 72.7559, 98.3264



82.8864, 72.7559, 111.3477



71.3546, 72.7559, 41.3477

Complementary

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



55.1308, 72.7559, 98.3264



48.3014, 35.0446, 21.0502

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.



79.6114, 72.7559, 47.6920



55.1308, 72.7559, 98.3264



86.6149, 72.7559, 85.6255

Square

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



55.1308, 72.7559, 98.3264



75.5367, 72.7559, 130.7822



85.3699, 72.7559, 62.7623



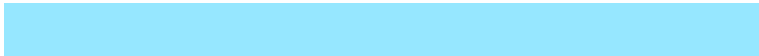
63.1381, 72.7559, 43.3790

Rectangle

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



55.1308, 72.7559, 98.3264



64.3156, 72.7559, 132.6010



85.3699, 72.7559, 62.7623



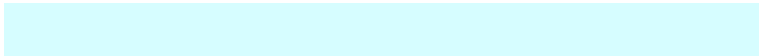
74.2256, 72.7559, 42.5172

Sweetspot

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



55.1330, 72.7587, 98.3281



80.9978, 91.8618, 108.0698



43.7633, 71.0829, 29.6016



16.9973, 19.4627, 23.1108



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.



55.1330, 72.7587, 98.3281



56.1252, 76.4646, 106.4088



39.7343, 41.9613, 93.1952



16.9268, 18.6179, 21.2440



24.6989, 35.1916, 52.0289



2.1908, 3.1330, 4.5795

Inverse Universe

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



60.0974, 38.6087, 86.7258



62.1444, 36.0760, 92.1133



58.7355, 55.9129, 24.5282



17.1784, 16.7542, 20.6859



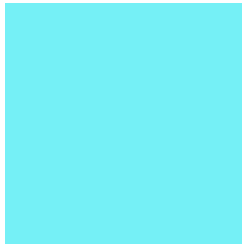
28.2714, 13.6520, 42.9990



2.4949, 1.2039, 3.8324

Previews

White Background



This preview shows how the XYZ color 55.1308, 72.7559, 98.3264 looks on a white background.

Color Contrast Check

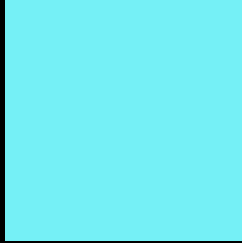
Large Text (above 18pt) WCAG AA × Fail

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 55.1308, 72.7559, 98.3264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

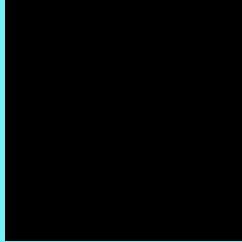
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1308, 72.7559, 98.3264

Background



This preview shows how black text looks on a background with the XYZ color 55.1308, 72.7559, 98.3264.

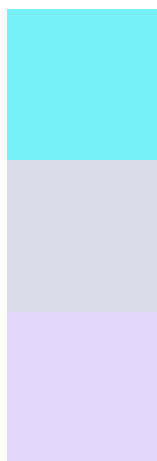


This preview shows how white text looks on a background with the XYZ color 55.1308, 72.7559,

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

55.1308, 72.7559, 98.3264

Protanopia

69.5547, 71.7619, 87.2763

Deuteranopia

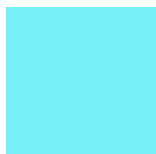
73.3916, 71.8968, 101.2761



Tritanopia

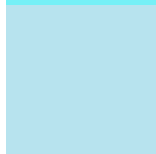
57.6943, 72.6137, 105.5828

Trichromacy



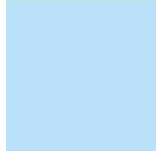
Original Color

55.1308, 72.7559, 98.3264



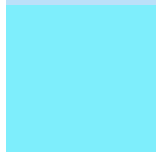
Protanomaly

62.4301, 71.1785, 91.3373



Deuteranomaly

64.2481, 70.7157, 99.8858



Tritanomaly

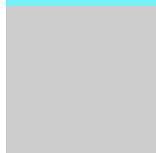
56.7494, 72.6130, 103.1202

Monochromacy



Original Color

55.1308, 72.7559, 98.3264



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

54.6123, 63.5108, 76.3983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1308, 72.7559, 98.3264 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(117, 240, 246)` looks like.

```
.text, #text, p{  
    color:rgb(117, 240, 246)  
}
```

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(117, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 240, 246) }
```

Border

The CSS property to change the border of an element to XYZ 55.1308, 72.7559, 98.3264 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(117, 240, 246) }
```


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

```
.border{ border-color:rgb(117, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(117, 240,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1308, 72.7559, 98.3264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 240, 246) }
```

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

```
.background{ background-color: rgb(117,  
240, 246) }
```

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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