

Converting Colors

XYZ(57.4719, 72.9629, 97.9604)

Have a look what the booklet for
XYZ(57.4719, 72.9629, 97.9604)
contains.

XYZ(57.6903, 73.2062, 98.2784)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.6903, 73.2062,
98.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	8AEEF6
RGB	138, 238, 246
RGB Percent	54%, 93%, 96%
CMY	0.4588, 0.0667, 0.0353
CMYK	0.44, 0.03, 0.00, 0.04
HSL	184°, 86%, 75%
HSV	184°, 44%, 96%
XYZ	57.6903, 73.2062, 98.2784
YIQ	209.0120, -62.1680, -18.7120

Conversions

Conversions Part 2

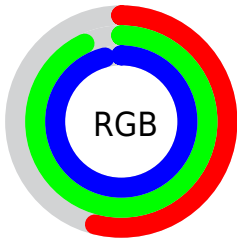
Format	Color
R _Y B	138, 190, 246
Decimal	9105142
CIE Lab	88.55, -27.29, -13.03
CIE LCh	89, 30.239, 205.529
Yxy	73.2062, 0.2517, 0.3194
Android (android.graphics.Color)	4287295222 (0xFF8AEEF6)
YUV	209.0120, 18.2351, -62.2775
Hunter-Lab	85.5606, -29.3753, -8.2105

Details

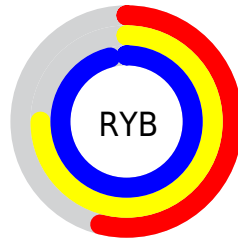
The XYZ color **57.6903, 73.2062, 98.2784** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **52.8736, 41.9866, 29.3639**, and the grayscale version is **60.5279, 63.6801, 69.3476**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **29.2467, 38.8359, 54.6698** is the 20% darker color. If you saturate the color by 10%, you get **53.5450, 70.2875, 97.9348**, and if you desaturate by 10%, it is **62.7671, 76.6165, 98.6704**.

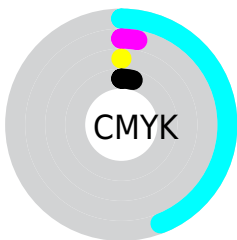
Distribution



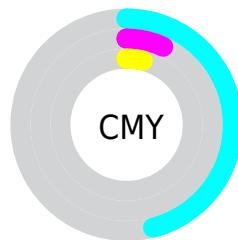
- Red (54%)
- Green (93%)
- Blue (96%)



- Red (54%)
- Yellow (75%)
- Blue (96%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (46%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6903, 73.2062, 98.2784 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 57.6903, 73.2062, 98.2784 by changing the saturation by 10% instead.

57.6903, 73.2062,
98.2784

57.6903, 73.2062,
98.2784

406.0034,
471.7292, 575.8583

41.8020, 54.1446,
74.2547

100.5973,
123.7699, 160.8205

29.1367, 38.7173,
54.5045

128.3467,
156.0408, 200.1759

19.3291, 26.5398,
38.6092

160.7805,
193.4835, 245.4790

12.0137, 17.2279,
26.1504

198.2641,
236.4825, 297.1483

6.8253, 10.3971,
16.7094

241.1629,
285.4222, 355.6024

3.3984, 5.6631,
9.8677

289.8421,

1.3678, 2.6413,

340.6869, 421.2597

5.2069

344.6672,
402.6611, 494.5388

■ 0.2331, 0.9475,
2.3083

■ 0.0000, 0.0000,
0.7359

■ 57.6903, 73.2062,
98.2784

■ 57.6903, 73.2062,
98.2784

■ 53.5450, 70.2875,
97.9348

■ 62.7671, 76.6165,
98.6704

■ 50.2615, 67.8193,
97.6315

■ 68.8258, 80.5392,
99.1082

■ 47.7710, 65.7679,
97.3668

■ 75.9212, 85.0044,
99.5961

■ 45.9914, 64.0908,
97.1368

■ 84.1020, 90.0372,
100.1363

■ 44.8223, 62.7364,
96.9370

■ 91.1700, 94.5044,
100.6261

■ 44.3190, 62.0222,
96.8257

■ 91.7302, 95.6247,
100.8128

■ 92.2958, 96.7560,
101.0013

■ 92.8669, 97.8982,
101.1917

■ 93.4435, 99.0514,
101.3839

Harmonies

Analogous

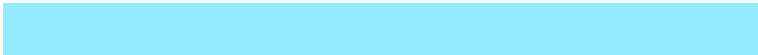
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.5288, 73.2062, 76.6227



57.6903, 73.2062, 98.2784



61.9495, 73.2062, 117.5669

Triad

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



57.6903, 73.2062, 98.2784



81.7790, 73.2062, 104.6386



70.6779, 73.2062, 46.0308

Complementary

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



57.6903, 73.2062, 98.2784



52.8736, 41.9866, 29.3639

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.



77.8133, 73.2062, 50.9996



57.6903, 73.2062, 98.2784



84.5003, 73.2062, 82.8773

Square

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



57.6903, 73.2062, 98.2784



75.7934, 73.2062, 121.6655



83.0011, 73.2062, 63.6399



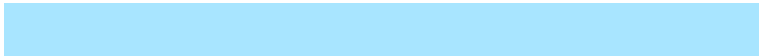
63.7163, 73.2062, 48.7128

Rectangle

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



57.6903, 73.2062, 98.2784



66.1384, 73.2062, 125.2045



83.0011, 73.2062, 63.6399



73.1396, 73.2062, 46.8333

Sweetspot

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



57.6925, 73.2090, 98.2801



83.1101, 92.6896, 108.1183



48.5648, 73.3668, 38.4723



17.3984, 19.5964, 23.1154



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.



57.6925, 73.2090, 98.2801



58.4249, 76.5022, 106.2948



44.4246, 46.6732, 93.8575



16.8855, 18.5354, 21.2303



23.7010, 33.1958, 51.6963



2.1139, 2.9791, 4.5539

Inverse Universe

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



62.5289, 43.9447, 86.0786



64.4186, 41.2490, 90.9462



63.0645, 62.3685, 32.7609



17.1576, 16.7459, 20.5762



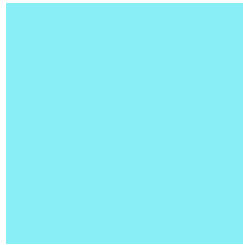
27.7677, 13.4505, 40.3465



2.4560, 1.1884, 3.6279

Previews

White Background



This preview shows how the XYZ color 57.6903, 73.2062, 98.2784 looks on a white background.

Color Contrast Check

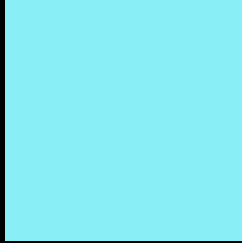
Large Text (above 18pt) WCAG AA × Fail

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 57.6903, 73.2062, 98.2784 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 57.6903, 73.2062, 98.2784

Background



This preview shows how black text looks on a background with the XYZ color 57.6903, 73.2062, 98.2784.



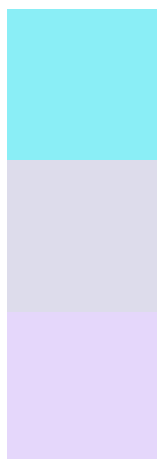
This preview shows how white text looks on a background with the XYZ color 57.6903, 73.2062,

98.2784.

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

57.6903, 73.2062, 98.2784

Protanopia

70.4074, 72.5567, 88.8912

Deuteranopia

74.0261, 72.2239, 101.3058



Tritanopia

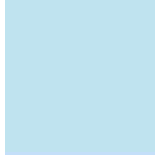
59.3731, 73.0505, 105.5786

Trichromacy



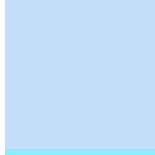
Original Color

57.6903, 73.2062, 98.2784



Protanomaly

64.5349, 72.2465, 92.2050



Deuteranomaly

66.2515, 71.3507, 99.9028



Tritanomaly

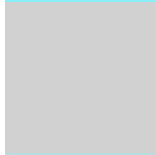
58.8394, 73.2594, 103.1348

Monochromacy



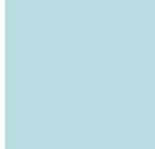
Original Color

57.6903, 73.2062, 98.2784



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.3065, 66.5276, 78.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6903, 73.2062, 98.2784 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(138, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(138, 238, 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(138, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 238, 246) }
```

Border

The CSS property to change the border of an element to XYZ 57.6903, 73.2062, 98.2784 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(138, 238, 246) }
```


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

```
.border{ border-color:rgb(138, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(138, 238,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6903, 73.2062, 98.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 238, 246) }
```

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

```
.background{ background-color: rgb(138,  
238, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor