

Converting Colors

XYZ(55.4427, 78.5105, 73.9642)

Have a look what the booklet for
XYZ(55.4427, 78.5105, 73.9642)
contains.

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Color

**XYZ(55.3083, 78.3646,
73.8389)**

Conversions

Conversions Part 1

Format	Color
Hex	81FBD3
RGB	129, 251, 211
RGB Percent	51%, 98%, 83%
CMY	0.4941, 0.0157, 0.1725
CMYK	0.49, 0.00, 0.16, 0.02
HSL	160°, 94%, 75%
HSV	160°, 49%, 98%
XYZ	55.3083, 78.3646, 73.8389
YIQ	209.9620, -59.8720, -38.3040

Conversions

Conversions Part 2

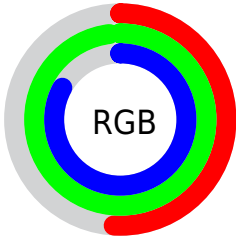
Format	Color
RYB	129, 202, 251
Decimal	8518611
CIELab	90.95, -43.54, 8.68
CIELCh	91, 44.397, 168.730
Yxy	78.3646, 0.2665, 0.3776
Android (android.graphics.Color)	4286708691 (0xFF81FBD3)
YUV	209.9620, 0.5117, -71.0037
Hunter-Lab	88.5238, -43.3926, 12.5120

Details

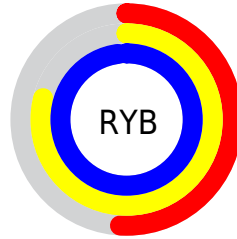
The XYZ color **55.3083, 78.3646, 73.8389** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **54.7979, 39.0763, 42.1933**, and the grayscale version is **61.2603, 64.4506, 70.1867**.

A 20% lighter version of the original color is **74.5490, 89.4314, 107.9406**, and **27.6073, 42.1772, 38.1384** is the 20% darker color. If you saturate the color by 10%, you get **50.9486, 76.2353, 68.3872**, and if you desaturate by 10%, it is **60.6615, 81.0040, 79.6163**.

Distribution



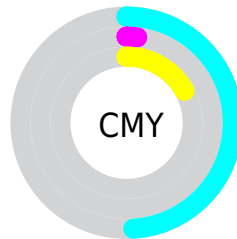
- Red (51%)
- Green (98%)
- Blue (83%)



- Red (51%)
- Yellow (79%)
- Blue (98%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (49%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3083, 78.3646, 73.8389 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 55.3083, 78.3646, 73.8389 by changing the saturation by 10% instead.


 55.3083, 78.3646,
73.8389


 55.3083, 78.3646,
73.8389


397.1970,
489.4042, 493.0657

 39.8834, 58.3735,
54.1662


 97.1382, 131.0640,
126.3993

 27.6315, 42.1090,
38.3405


 124.2740,
164.5411, 160.1242

 18.1871, 29.1867,
25.9432

 156.0440,
203.2823, 199.3701

 11.1849, 19.2221,
16.5557

192.8138,
247.6720, 244.5557

 6.2595, 11.8309,
9.7597

234.9486,
298.0947, 296.0996

 3.0457, 6.6286,
5.1364

282.8139,

 1.1780, 3.2309,

354.9347, 354.4201

2.2674

336.7749,
418.5764, 419.9360

■ 0.0889, 1.2535,
0.7129

■ 0.0000, 0.1047,
0.0000

■ 55.3083, 78.3646,
73.8389

■ 55.3083, 78.3646,
73.8389

■ 50.9486, 76.2353,
68.3872

■ 60.6615, 81.0040,
79.6163

■ 47.5052, 74.5703,
63.2484


■ 67.0653, 84.1768,
85.7210


■ 44.9001, 73.3316,
58.4163


■ 74.5797, 87.9158,
92.1614


■ 43.0382, 72.4702,
53.8824

■ 83.2585, 92.2488,
98.9437

 41.7840, 71.9163,
49.6357

 93.1518, 97.2014,
106.0743

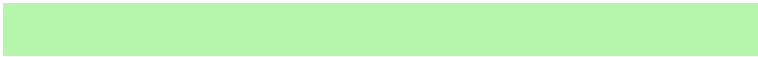
 41.6322, 71.8505,
49.0647

 93.7885, 97.4771,
108.4795

Harmonies

Analogous

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



59.4507, 78.3646, 50.7869



55.3083, 78.3646, 73.8389



55.9048, 78.3646, 106.6869

Triad

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



55.3083, 78.3646, 73.8389



81.6097, 78.3646, 158.0163



89.5991, 78.3646, 46.8789

Complementary

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



55.3083, 78.3646, 73.8389



54.7979, 39.0763, 42.1933

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.



96.7795, 78.3646, 67.0250



55.3083, 78.3646, 73.8389



91.8575, 78.3646, 132.7775

Square

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



55.3083, 78.3646, 73.8389



70.3562, 78.3646, 161.1673



97.6451, 78.3646, 97.9461



78.7685, 78.3646, 38.0304

Rectangle

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



55.3083, 78.3646, 73.8389



58.9248, 78.3646, 129.9878



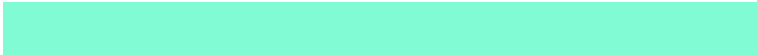
97.6451, 78.3646, 97.9461



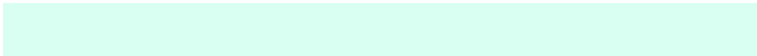
92.5643, 78.3646, 52.2817

Sweetspot

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



55.3105, 78.3677, 73.8407



80.3970, 92.6718, 98.0159



54.9676, 79.0915, 33.1392



16.8157, 19.6398, 20.6659



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.



55.3105, 78.3677, 73.8407



53.0376, 79.1329, 71.1940



54.9510, 68.6005, 101.6154



17.5096, 19.5061, 20.8842



21.9527, 37.7941, 26.1579



2.0820, 3.5199, 2.6797

Inverse Universe

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



54.7979, 39.0763, 42.1933



52.4746, 34.1828, 35.1049



54.5488, 43.6968, 26.3294



17.4792, 17.3191, 19.1135



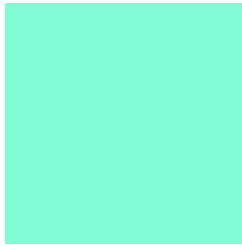
21.7779, 11.1269, 5.5389



2.0637, 1.0492, 0.7587

Previews

White Background



This preview shows how the XYZ color 55.3083, 78.3646, 73.8389 looks on a white background.

Color Contrast Check

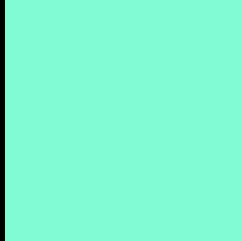
Large Text (above 18pt) WCAG AA × Fail

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 55.3083, 78.3646, 73.8389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

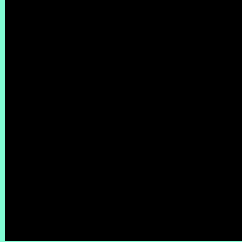
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3083, 78.3646, 73.8389

Background



This preview shows how black text looks on a background with the XYZ color 55.3083, 78.3646, 73.8389.

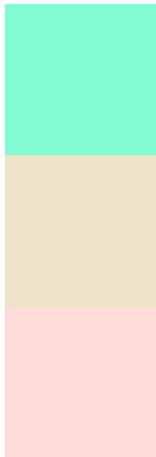


This preview shows how white text looks on a background with the XYZ color 55.3083, 78.3646,

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

55.3083, 78.3646, 73.8389

Protanopia

72.9220, 77.1925, 64.4823

Deuteranopia

78.7561, 77.1310, 77.0665



Tritanopia

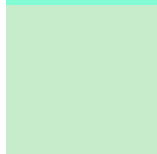
65.7877, 78.0862, 106.2125

Trichromacy



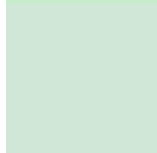
Original Color

55.3083, 78.3646, 73.8389



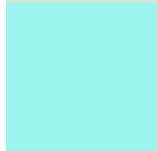
Protanomaly

64.0636, 76.3085, 67.8524



Deuteranomaly

66.8541, 75.4680, 75.3332



Tritanomaly

61.4482, 77.9019, 93.4593

Monochromacy



Original Color

55.3083, 78.3646, 73.8389



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.6141, 68.3273, 71.1247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3083, 78.3646, 73.8389 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(129, 251, 211)` looks like.

```
.text, #text, p{  
    color:rgb(129, 251, 211)  
}
```

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(129, 251, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 251, 211) }
```

Border

The CSS property to change the border of an element to XYZ 55.3083, 78.3646, 73.8389 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(129, 251, 211) }
```


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

```
.border{ border-color:rgb(129, 251, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 251, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 251, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 251, 211);  
box-shadow:4px 4px 4px 4px rgb(129, 251,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3083, 78.3646, 73.8389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 251, 211) }
```

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

```
.background{ background-color: rgb(129,  
251, 211) }
```

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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