

Converting Colors

XYZ(53.2405, 71.5062, 71.3188)

Have a look what the booklet for
XYZ(53.2405, 71.5062, 71.3188)
contains.

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Color

**XYZ(53.2385, 71.5033,
71.3172)**

Conversions

Conversions Part 1

Format	Color
Hex	8EEED1
RGB	142, 238, 209
RGB Percent	56%, 93%, 82%
CMY	0.4431, 0.0666, 0.1804
CMYK	0.40, 0.00, 0.12, 0.07
HSL	162°, 74%, 75%
HSV	162°, 40%, 93%
XYZ	53.2385, 71.5033, 71.3172
YIQ	205.9900, -47.9070, -29.3710

Conversions

Conversions Part 2

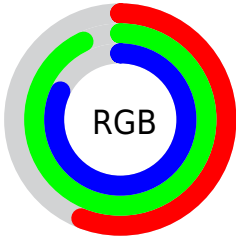
Format	Color
RYB	142, 199, 238
Decimal	9367249
CIELab	87.73, -34.95, 5.15
CIELCh	88, 35.325, 171.612
Yxy	71.5033, 0.2715, 0.3647
Android (android.graphics.Color)	4287557329 (0xFF8EEED1)
YUV	205.9900, 1.4839, -56.1192
Hunter-Lab	84.5596, -35.5962, 9.1868

Details

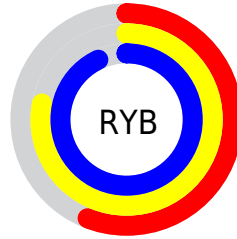
The XYZ color **53.2385, 71.5033, 71.3172** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **52.2860, 40.4653, 43.5856**, and the grayscale version is **58.6742, 61.7299, 67.2238**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **26.4821, 37.8009, 36.9109** is the 20% darker color. If you saturate the color by 10%, you get **48.7129, 69.2727, 66.5638**, and if you desaturate by 10%, it is **58.6800, 74.2052, 76.3263**.

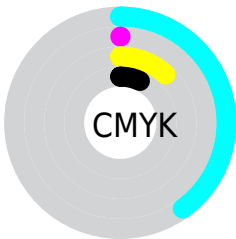
Distribution



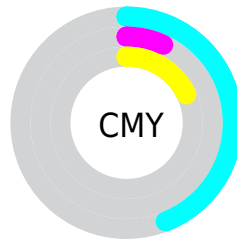
- Red (56%)
- Green (93%)
- Blue (82%)



- Red (56%)
- Yellow (78%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)





- Cyan (44%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2385, 71.5033, 71.3172 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 53.2385, 71.5033, 71.3172 by changing the saturation by 10% instead.


 53.2385, 71.5033,
71.3172


 53.2385, 71.5033,
71.3172

389.4454,
465.8109, 484.0750

 38.2214, 52.7530,
52.1177

 94.1187, 121.3501,
122.7839

 26.3326, 37.6057,
36.7160


 120.7125,
153.2154, 155.8882

 17.2066, 25.6768,
24.6936

151.8960,
190.2212, 194.4645

 10.4781, 16.5820,
15.6320

188.0345,
232.7518, 238.9314

 5.7818, 9.9369,
9.1126

229.4933,
281.1917, 289.7073

 2.7522, 5.3571,
4.7169

276.6378,

 1.0241, 2.4583,

335.9253, 347.2109

2.0263

329.8334,
397.3369, 411.8606

■ 0.0000, 0.8556,
0.5714

■ 0.0000, 0.0000,
0.0000

■ 53.2385, 71.5033,
71.3172

■ 53.2385, 71.5033,
71.3172

■ 48.7129, 69.2727,
66.5638

■ 58.6800, 74.2052,
76.3263

■ 45.0408, 67.4756,
62.0558


■ 65.0831, 77.3962,
81.5913


■ 42.1611, 66.0825,
57.7892


■ 72.4973, 81.1037,
87.1187


■ 40.0017, 65.0563,
53.7577

■ 80.9670, 85.3505,
92.9132

 38.4769, 64.3528,
49.9543

 88.2900, 89.0013,
98.8742

 37.4681, 63.9085,
46.4863

 89.4092, 89.4489,
104.7675

 89.8658, 89.6316,
107.1719

Harmonies

Analogous

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



56.1011, 71.5033, 52.5767



53.2385, 71.5033, 71.3172



54.0586, 71.5033, 96.1133

Triad

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



53.2385, 71.5033, 71.3172



74.0693, 71.5033, 129.1044



78.4638, 71.5033, 47.0034

Complementary

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



53.2385, 71.5033, 71.3172



52.2860, 40.4653, 43.5856

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.



84.0650, 71.5033, 62.0689



53.2385, 71.5033, 71.3172



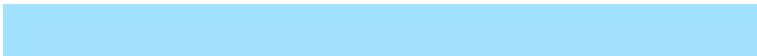
81.3863, 71.5033, 110.1611

Square

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



53.2385, 71.5033, 71.3172



65.6389, 71.5033, 132.9953



85.1763, 71.5033, 84.7805



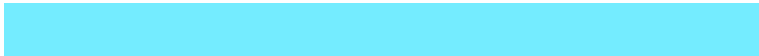
70.3388, 71.5033, 40.5519

Rectangle

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



53.2385, 71.5033, 71.3172



56.6153, 71.5033, 112.6864



85.1763, 71.5033, 84.7805



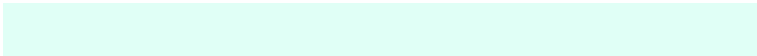
80.7310, 71.5033, 51.0609

Sweetspot

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



53.2405, 71.5062, 71.3188



83.2217, 94.0701, 100.7633



52.5605, 71.9210, 36.7043



17.5606, 20.0086, 21.3838



0.0000, 0.0000, 0.0000



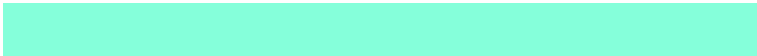
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2405, 71.5062, 71.3188



58.0276, 81.5372, 79.0249



52.2885, 63.3231, 90.3589



16.0321, 17.8429, 19.1920



20.9626, 35.6771, 26.2497



1.7878, 2.9855, 2.4147

Inverse Universe

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



52.2860, 40.4653, 43.5856



56.7887, 40.8121, 42.7055



52.6462, 45.1353, 31.5296



15.9693, 15.8374, 17.3948



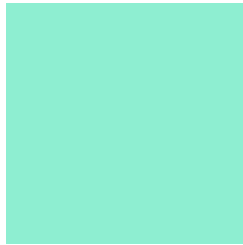
20.3723, 10.4213, 4.6111



1.7373, 0.8839, 0.6072

Previews

White Background



This preview shows how the XYZ color 53.2385, 71.5033, 71.3172 looks on a white background.

Color Contrast Check

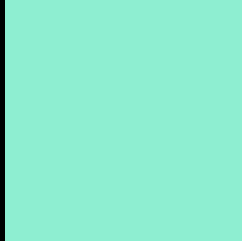
Large Text (above 18pt) WCAG AA × Fail

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 53.2385, 71.5033, 71.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

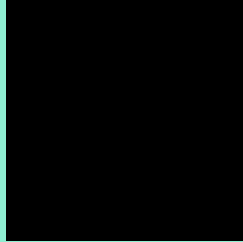
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2385, 71.5033, 71.3172

Background



This preview shows how black text looks on a background with the XYZ color 53.2385, 71.5033, 71.3172.

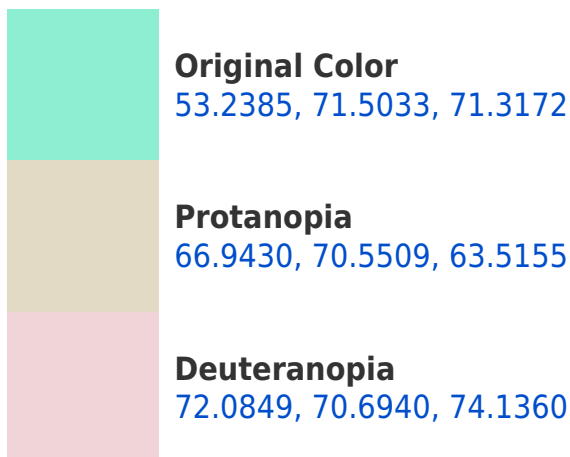


This preview shows how white text looks on a background with the XYZ color 53.2385, 71.5033,

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





Tritanopia

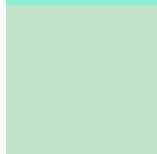
59.2181, 71.3537, 101.9183

Trichromacy



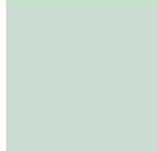
Original Color

53.2385, 71.5033, 71.3172



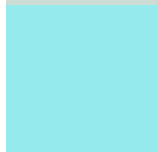
Protanomaly

60.3508, 69.8505, 66.1788



Deuteranomaly

63.0435, 69.4961, 73.0421



Tritanomaly

56.7759, 71.1977, 90.1070

Monochromacy



Original Color

53.2385, 71.5033, 71.3172



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

55.8623, 64.7151, 68.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2385, 71.5033, 71.3172 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(142, 238, 209)` looks like.

```
.text, #text, p{  
    color:rgb(142, 238, 209)  
}
```

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(142, 238, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 238, 209) }
```

Border

The CSS property to change the border of an element to XYZ 53.2385, 71.5033, 71.3172 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(142, 238, 209) }
```


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

```
.border{ border-color:rgb(142, 238, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 238, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 238, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 238, 209);  
box-shadow:4px 4px 4px 4px rgb(142, 238,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2385, 71.5033, 71.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 238, 209) }
```

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

```
.background{ background-color: rgb(142,  
238, 209) }
```

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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