

Converting Colors

XYZ(53.2742, 71.1883, 66.7921)

Have a look what the booklet for
XYZ(53.2742, 71.1883, 66.7921)
contains.

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Color

**XYZ(53.3393, 71.2222,
66.8131)**

Conversions

Conversions Part 1

Format	Color
Hex	95EDCA
RGB	149, 237, 202
RGB Percent	58%, 93%, 79%
CMY	0.4157, 0.0706, 0.2078
CMYK	0.37, 0.00, 0.15, 0.07
HSL	156°, 71%, 76%
HSV	156°, 37%, 93%
XYZ	53.3393, 71.2222, 66.8131
YIQ	206.6980, -41.2130, -29.5410

Conversions

Conversions Part 2

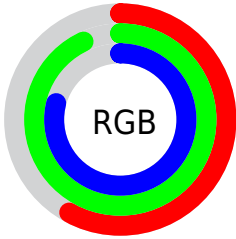
Format	Color
RYB	149, 204, 237
Decimal	9825738
CIELab	87.59, -34.10, 8.65
CIElCh	88, 35.182, 165.759
Yxy	71.2222, 0.2787, 0.3722
Android (android.graphics.Color)	4288015818 (0xFF95EDCA)
YUV	206.6980, -2.3161, -50.6011
Hunter-Lab	84.3932, -34.8703, 12.1361

Details

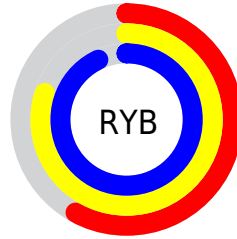
The XYZ color **53.3393, 71.2222, 66.8131** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **54.3267, 42.9619, 50.7794**, and the grayscale version is **59.1489, 62.2292, 67.7676**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **26.4853, 37.5655, 33.8719** is the 20% darker color. If you saturate the color by 10%, you get **48.3654, 68.7850, 60.9316**, and if you desaturate by 10%, it is **59.2652, 74.1460, 73.0982**.

Distribution



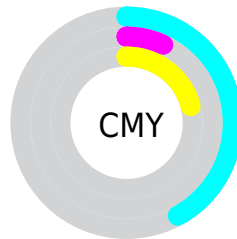
- Red (58%)
- Green (93%)
- Blue (79%)



- Red (58%)
- Yellow (80%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)





- Cyan (42%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3393, 71.2222, 66.8131 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 53.3393, 71.2222, 66.8131 by changing the saturation by 10% instead.


 53.3393, 71.2222,
66.8131

 53.3393, 71.2222,
66.8131


389.8251,
464.8298, 467.7626

 38.3023, 52.5235,
48.4721


 94.2660, 120.9501,
116.2907

 26.3956, 37.4226,
33.8383


 120.8865,
152.7481, 148.2643

 17.2541, 25.5348,
22.4930


152.0987,
189.6813, 185.6193

 10.5122, 16.4760,
14.0178

188.2682,
232.1341, 228.7741

 5.8047, 9.8616,
7.9942

229.7602,
280.4910, 278.1473

 2.7662, 5.3073,
4.0035


276.9401,

 1.0314, 2.4287,


335.1364, 334.1574


1.6273


330.1733,
396.4545, 397.2230


 0.0000, 0.8406,
0.3102


 0.0000, 0.0000,
0.0000


 53.3393, 71.2222,
66.8131


 53.3393, 71.2222,
66.8131

 48.3654, 68.7850,
60.9316


 59.2652, 74.1460,
73.0982


 44.2826, 66.7976,
55.4400

 66.1874, 77.5736,
79.7905

 41.0321, 65.2316,
50.3305

 74.1548, 81.5319,
86.8998

 38.5451, 64.0518,
45.5933

 83.2108, 86.0431,
94.4340

■ 36.7409, 63.2167,
41.2178

■ 88.6456, 88.6790,
102.1784

■ 35.5155, 62.6728,
37.1919

■ 89.5755, 89.0509,
107.0752

■ 35.2234, 62.5461,
36.0981

Harmonies

Analogous

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



56.8659, 71.2222, 49.7694



53.3393, 71.2222, 66.8131



53.4330, 71.2222, 90.6729

Triad

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



53.3393, 71.2222, 66.8131



72.1341, 71.2222, 130.5422



79.4832, 71.2222, 49.1332

Complementary

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



53.3393, 71.2222, 66.8131



54.3267, 42.9619, 50.7794

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.



84.2917, 71.2222, 65.7566



53.3393, 71.2222, 66.8131



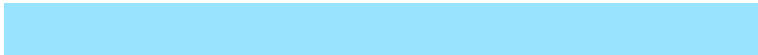
79.8174, 71.2222, 114.1160

Square

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



53.3393, 71.2222, 66.8131



63.8341, 71.2222, 130.9875



84.4188, 71.2222, 89.3772



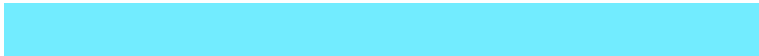
71.7076, 71.2222, 41.0715

Rectangle

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



53.3393, 71.2222, 66.8131



55.5224, 71.2222, 107.5299



84.4188, 71.2222, 89.3772



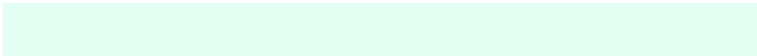
81.5272, 71.2222, 53.7332

Sweetspot

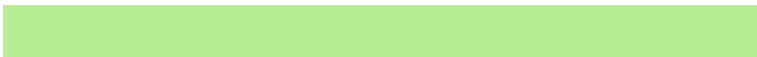
The Sweet Spot groups the original color and five complimentary colors.



53.3413, 71.2251, 66.8147



83.7281, 94.3649, 99.2645



55.5264, 72.9564, 39.5903



17.6457, 20.0611, 21.0015



0.0000, 0.0000, 0.0000



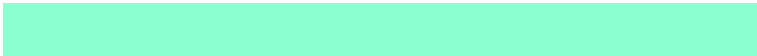
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3413, 71.2251, 66.8147



58.1705, 81.7384, 73.2657



55.4812, 68.1037, 90.3453



15.2493, 17.0145, 17.9955



19.2964, 34.1730, 20.0577



1.5625, 2.7023, 1.8237

Inverse Universe

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



54.3267, 42.9619, 50.7794



59.5061, 43.6299, 51.6791



52.5448, 44.5618, 34.2668



15.3136, 15.1533, 16.9370



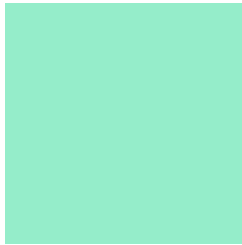
20.2379, 10.2978, 7.0540



1.6354, 0.8271, 0.7976

Previews

White Background



This preview shows how the XYZ color 53.3393, 71.2222, 66.8131 looks on a white background.

Color Contrast Check

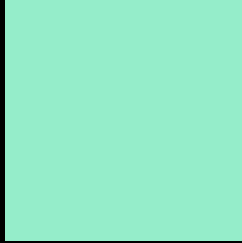
Large Text (above 18pt) WCAG AA × Fail

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 53.3393, 71.2222, 66.8131 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

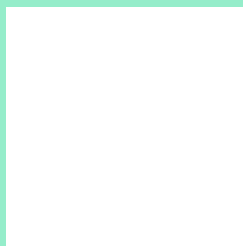
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3393, 71.2222, 66.8131

Background



This preview shows how black text looks on a background with the XYZ color 53.3393, 71.2222, 66.8131.

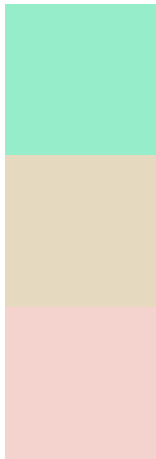


This preview shows how white text looks on a background with the XYZ color 53.3393, 71.2222, 66.8131.

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

53.3393, 71.2222, 66.8131

Protanopia

66.8989, 70.6066, 59.9717

Deuteranopia

71.8650, 70.3266, 68.8182



Tritanopia

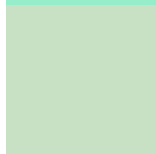
59.8929, 70.9068, 100.1522

Trichromacy



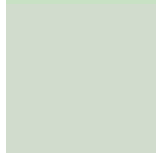
Original Color

53.3393, 71.2222, 66.8131



Protanomaly

60.7084, 70.1153, 62.5585



Deuteranomaly

62.9071, 69.1495, 67.7892



Tritanomaly

57.4147, 71.1719, 87.0554

Monochromacy



Original Color

53.3393, 71.2222, 66.8131



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.3405, 64.9897, 67.3324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3393, 71.2222, 66.8131 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(149, 237, 202)` looks like.

```
.text, #text, p{  
    color:rgb(149, 237, 202)  
}
```

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(149, 237, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 237, 202) }
```

Border

The CSS property to change the border of an element to XYZ 53.3393, 71.2222, 66.8131 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(149, 237, 202) }
```


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

```
.border{ border-color:rgb(149, 237, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 237, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 237, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 237, 202);  
box-shadow:4px 4px 4px 4px rgb(149, 237,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3393, 71.2222, 66.8131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 237, 202) }
```

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

```
.background{ background-color: rgb(149,  
237, 202) }
```

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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