

Converting Colors

XYZ(53.9412, 70.0064, 65.2133)

Have a look what the booklet for
XYZ(53.9412, 70.0064, 65.2133)
contains.

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Color

**XYZ(53.8623, 69.8189,
65.2811)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE9C8
RGB	159, 233, 200
RGB Percent	62%, 91%, 78%
CMY	0.3765, 0.0863, 0.2157
CMYK	0.32, 0.00, 0.14, 0.09
HSL	153°, 63%, 77%
HSV	153°, 32%, 91%
XYZ	53.8623, 69.8189, 65.2811
YIQ	207.1120, -33.5110, -25.9510

Conversions

Conversions Part 2

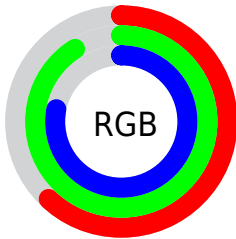
Format	Color
RYB	159, 207, 233
Decimal	10480072
CIELab	86.91, -29.81, 8.78
CIELCh	87, 31.072, 163.581
Yxy	69.8189, 0.2850, 0.3695
Android (android.graphics.Color)	4288670152 (0xFF9FE9C8)
YUV	207.1120, -3.5062, -42.1942
Hunter-Lab	83.5577, -31.1627, 12.1689

Details

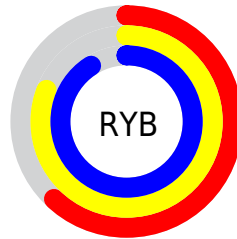
The XYZ color **53.8623, 69.8189, 65.2811** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **55.5192, 45.9274, 55.8107**, and the grayscale version is **59.4192, 62.5137, 68.0774**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **26.7361, 36.5229, 32.8346** is the 20% darker color. If you saturate the color by 10%, you get **48.4969, 67.1904, 58.9053**, and if you desaturate by 10%, it is **60.1850, 72.9351, 72.1356**.

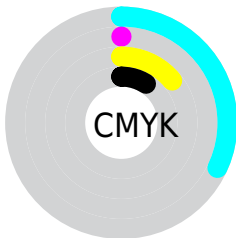
Distribution



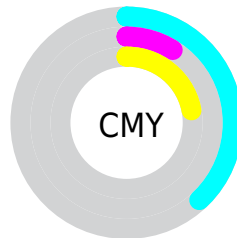
- Red (62%)
- Green (91%)
- Blue (78%)



- Red (62%)
- Yellow (81%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)





- Cyan (38%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.8623, 69.8189, 65.2811 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 53.8623, 69.8189, 65.2811 by changing the saturation by 10% instead.


 53.8623, 69.8189,
65.2811


 53.8623, 69.8189,
65.2811


391.7916,
459.9139, 462.1353

 38.7218, 51.3789,
47.2363


 95.0301, 118.9505,
114.0710

 26.7231, 36.5102,
32.8668


 121.7882,
150.4108, 145.6532

 17.5009, 24.8285,
21.7541


153.1494,
186.9801, 182.5849

 10.6898, 15.9493,
13.4798

189.4793,
229.0426, 225.2847

 5.9244, 9.4883,
7.6251

231.1431,
276.9829, 274.1711

 2.8394, 5.0610,
3.7717


278.5061,


 1.0694, 2.2831,

331.1853, 329.6626


1.5010


331.9339,
392.0341, 392.1778


 0.0000, 0.7648,
0.2186


 0.0000, 0.0000,
0.0000

 53.8623, 69.8189,
65.2811

 53.8623, 69.8189,
65.2811


 48.4969, 67.1904,
58.9053


 60.1850, 72.9351,
72.1356


 44.0323, 65.0151,
52.9926

 67.5061, 76.5544,
79.4746

 40.4150, 63.2674,
47.5332

 75.8711, 80.7020,
87.3096

 37.5828, 61.9154,
42.5152

 85.3210, 85.3988,
95.6504

■ 35.4645, 60.9228,
37.9259

■ 87.9443, 86.5660,
104.1344

■ 33.9751, 60.2459,
33.7516

■ 88.4302, 86.7604,
106.6934

■ 33.1088, 59.8678,
30.6115

Harmonies

Analogous

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



57.2035, 69.8189, 50.6036



53.8623, 69.8189, 65.2811



53.7069, 69.8189, 85.7906

Triad

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



53.8623, 69.8189, 65.2811



69.6897, 69.8189, 121.8282



76.9845, 69.8189, 51.6774

Complementary

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



53.8623, 69.8189, 65.2811



55.5192, 45.9274, 55.8107

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.



80.8608, 69.8189, 67.0226



53.8623, 69.8189, 65.2811



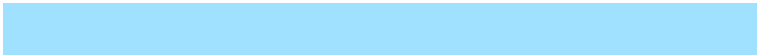
76.4466, 69.8189, 108.7792

Square

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



53.8623, 69.8189, 65.2811



62.4964, 69.8189, 121.1284



80.6570, 69.8189, 87.8784



70.3813, 69.8189, 43.7850

Rectangle

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



53.8623, 69.8189, 65.2811



55.4072, 69.8189, 100.3214



80.6570, 69.8189, 87.8784



78.6704, 69.8189, 56.0003

Sweetspot

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



53.8642, 69.8218, 65.2827



84.5055, 94.7694, 99.1304



57.2135, 72.0298, 43.6895



17.7931, 20.1387, 20.9347



0.0000, 0.0000, 0.0000



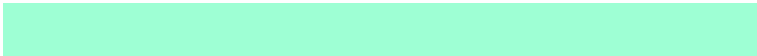
20.3446, 21.4041, 23.3091

Same Dimension

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



53.8642, 69.8218, 65.2827



61.7369, 83.5419, 75.0170



57.1107, 69.4618, 87.4916



15.2176, 17.0019, 17.8290



18.8492, 33.9941, 17.7028



1.5284, 2.6887, 1.6446

Inverse Universe

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



55.5192, 45.9274, 55.8107



64.0636, 49.9797, 61.7230



52.9083, 45.9164, 38.8760



15.3446, 15.1657, 17.1001



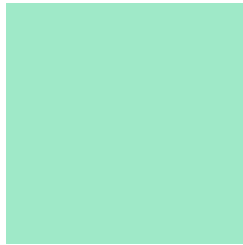
20.5433, 10.4200, 8.6626



1.6609, 0.8373, 0.9318

Previews

White Background



This preview shows how the XYZ color 53.8623, 69.8189, 65.2811 looks on a white background.

Color Contrast Check

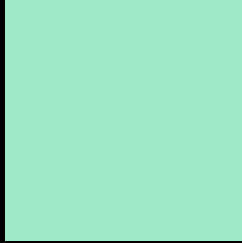
Large Text (above 18pt) WCAG AA × Fail

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 53.8623, 69.8189, 65.2811 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 53.8623, 69.8189, 65.2811

Background



This preview shows how black text looks on a background with the XYZ color 53.8623, 69.8189, 65.2811.

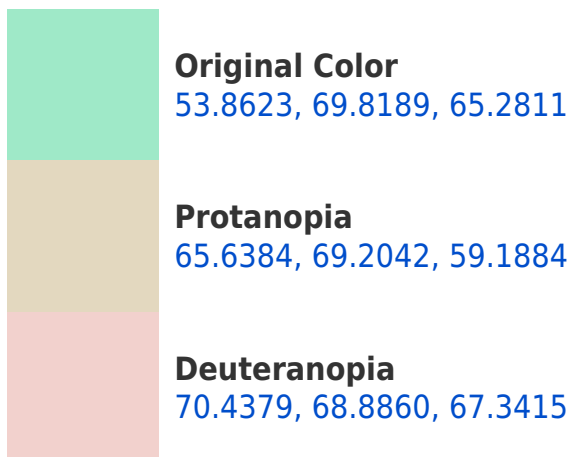


This preview shows how white text looks on a background with the XYZ color 53.8623, 69.8189,

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

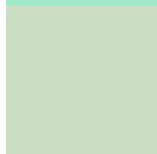
60.3127, 69.9658, 96.7121

Trichromacy



Original Color

53.8623, 69.8189, 65.2811



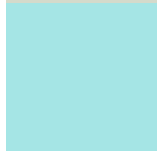
Protanomaly

60.2160, 68.6942, 61.1245



Deuteranomaly

63.0023, 68.4517, 66.3918



Tritanomaly

57.6792, 69.6951, 84.5412

Monochromacy



Original Color

53.8623, 69.8189, 65.2811



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

56.6902, 64.4185, 66.5729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8623, 69.8189, 65.2811 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(159, 233, 200)` looks like.

```
.text, #text, p{  
    color:rgb(159, 233, 200)  
}
```

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(159, 233, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 233, 200) }
```

Border

The CSS property to change the border of an element to XYZ 53.8623, 69.8189, 65.2811 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(159, 233, 200) }
```


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

```
.border{ border-color:rgb(159, 233, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 233, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 233, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 233, 200);  
box-shadow:4px 4px 4px 4px rgb(159, 233,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8623, 69.8189, 65.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 233, 200) }
```

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

```
.background{ background-color: rgb(159,  
233, 200) }
```

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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