

Converting Colors

XYZ(53.5374, 73.4448, 51.9910)

Have a look what the booklet for
XYZ(53.5374, 73.4448, 51.9910)
contains.

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Color

**XYZ(53.4912, 73.3767,
51.9013)**

Conversions

Conversions Part 1

Format	Color
Hex	9FF1AF
RGB	159, 241, 175
RGB Percent	62%, 95%, 69%
CMY	0.3765, 0.0549, 0.3137
CMYK	0.34, 0.00, 0.27, 0.05
HSL	132°, 75%, 78%
HSV	132°, 34%, 95%
XYZ	53.4912, 73.3767, 51.9013
YIQ	208.9580, -27.6860, -37.9100

Conversions

Conversions Part 2

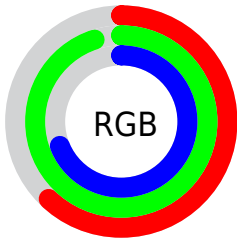
Format	Color
RYB	159, 228, 241
Decimal	10482095
CIELab	88.63, -38.17, 24.16
CIElCh	89, 45.171, 147.667
Yxy	73.3767, 0.2992, 0.4105
Android (android.graphics.Color)	4288672175 (0xFF9FF1AF)
YUV	208.9580, -16.7413, -43.8132
Hunter-Lab	85.6602, -38.4396, 24.0385

Details

The XYZ color **53.4912, 73.3767, 51.9013** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **62.2667, 48.9347, 77.4004**, and the grayscale version is **60.6972, 63.8582, 69.5415**.

A 20% lighter version of the original color is **78.5027, 91.8885, 89.2000**, and **26.3623, 38.6292, 24.4791** is the 20% darker color. If you saturate the color by 10%, you get **47.3997, 70.4431, 42.3758**, and if you desaturate by 10%, it is **60.7920, 76.9063, 62.9152**.

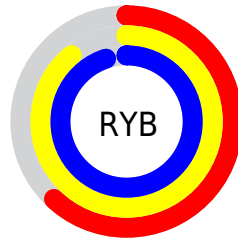
Distribution



Red (62%)

Green (95%)

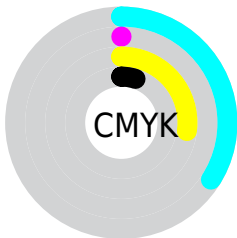
Blue (69%)



Red (62%)

Yellow (89%)

Blue (95%)

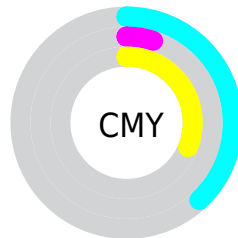


Cyan (34%)

Magenta (0%)

Yellow (27%)

Black (5%)



Cyan (38%)

Magenta (5%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4912, 73.3767, 51.9013 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 53.4912, 73.3767, 51.9013 by changing the saturation by 10% instead.

 53.4912, 73.3767,
51.9013


 53.4912, 73.3767,
51.9013


390.3969,
472.3194, 411.0016

 38.4241, 54.2840,
36.5447


 94.4881, 124.0118,
94.4108

 26.4907, 38.8288,
24.5622


 121.1485,
156.3231, 122.4007

 17.3257, 26.6266,
15.5351


152.4041,
193.8094, 155.4389

 10.5637, 17.2930,
9.0450

188.6202,
236.8550, 193.9438

 5.8394, 10.4436,
4.6733

230.1622,
285.8444, 238.3339

 2.7874, 5.6940,
2.0015


277.3954,

 1.0424, 2.6599,


341.1620, 289.0279


0.5562


330.6852,
403.1922, 346.4443


 0.0000, 0.9569,
0.0000


 0.0000, 0.0000,
0.0000


 53.4912, 73.3767,
51.9013


 53.4912, 73.3767,
51.9013


 47.3997, 70.4431,
42.3758


 60.7920, 76.9063,
62.9152


 42.4458, 68.0635,
34.2701

 69.3572, 81.0527,
75.4723

 38.5589, 66.2052,
27.5174

 79.2455, 85.8472,
89.6310

 35.6580, 64.8279,
22.0437

 90.3617, 91.2395,
105.4378

■ 33.6502, 63.8854,
17.7678

■ 90.7467, 91.3935,
107.4656

■ 32.4236, 63.3219,
14.5990

■ 31.9704, 63.1189,
13.1903

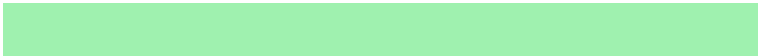
Harmonies

Analogous

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



60.4571, 73.3767, 37.6556



53.4912, 73.3767, 51.9013



50.8286, 73.3767, 77.4760

Triad

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



53.4912, 73.3767, 51.9013



68.8926, 73.3767, 156.1195



89.9983, 73.3767, 55.1411

Complementary

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



53.4912, 73.3767, 51.9013



62.2667, 48.9347, 77.4004

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.



92.8474, 73.3767, 82.3633



53.4912, 73.3767, 51.9013



79.9328, 73.3767, 145.7118

Square

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



53.4912, 73.3767, 51.9013



59.1234, 73.3767, 142.0945



88.9908, 73.3767, 116.4867



81.5622, 73.3767, 39.1550

Rectangle

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



53.4912, 73.3767, 51.9013



51.6190, 73.3767, 99.5284



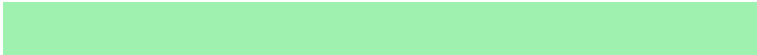
88.9908, 73.3767, 116.4867



91.6773, 73.3767, 63.0294

Sweetspot

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



53.4931, 73.3798, 51.9029



83.1526, 94.2283, 92.0060



69.0697, 81.5808, 44.9077



17.4669, 20.0082, 19.2170



0.0000, 0.0000, 0.0000



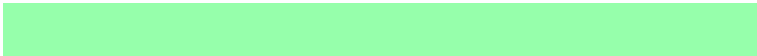
20.3446, 21.4041, 23.3091

Same Dimension

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



53.4931, 73.3798, 51.9029



55.7571, 80.9814, 51.1457



58.0255, 75.1927, 75.7703



15.6920, 17.7068, 17.4007



17.3733, 34.2413, 7.3487



1.4791, 2.8621, 0.7895

Inverse Universe

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



62.2667, 48.9347, 77.4004



67.1559, 49.1916, 84.2496



57.4293, 46.9998, 51.9268



16.3143, 15.9754, 19.2114



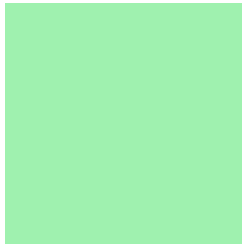
24.9989, 12.2720, 28.9747



2.1131, 1.0343, 2.5864

Previews

White Background



This preview shows how the XYZ color 53.4912, 73.3767, 51.9013 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 53.4912, 73.3767, 51.9013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

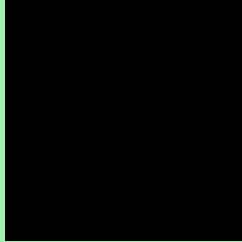
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4912, 73.3767, 51.9013

Background



This preview shows how black text looks on a background with the XYZ color 53.4912, 73.3767, 51.9013.

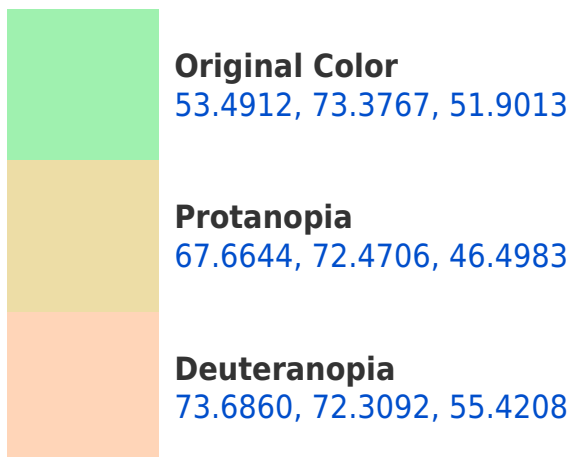


This preview shows how white text looks on a background with the XYZ color 53.4912, 73.3767,

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

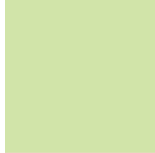
63.2868, 73.0526, 101.2075

Trichromacy



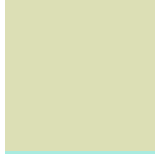
Original Color

53.4912, 73.3767, 51.9013



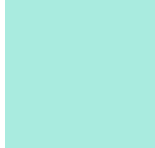
Protanomaly

61.1993, 71.9067, 48.1899



Deuteranomaly

64.2434, 71.3272, 54.0976



Tritanomaly

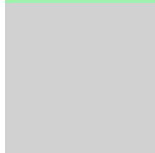
59.3898, 73.1794, 80.8069

Monochromacy



Original Color

53.4912, 73.3767, 51.9013



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

57.4204, 66.8205, 62.6946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4912, 73.3767, 51.9013 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, 241, 175)` looks like.

```
.text, #text, p{  
    color:rgb(159, 241, 175)  
}
```

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, 241, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 241, 175) }
```

Border

The CSS property to change the border of an element to XYZ 53.4912, 73.3767, 51.9013 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, 241, 175) }
```


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

```
.border{ border-color:rgb(159, 241, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 241, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 241, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 241, 175);  
box-shadow:4px 4px 4px 4px rgb(159, 241,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4912, 73.3767, 51.9013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 241, 175) }
```

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

```
.background{ background-color: rgb(159,  
241, 175) }
```

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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