

Converting Colors

XYZ(53.2852, 66.7683, 58.7943)

Have a look what the booklet for
XYZ(53.2852, 66.7683, 58.7943)
contains.

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Color

**XYZ(53.2852, 66.7683,
58.7943)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE2BE
RGB	171, 226, 190
RGB Percent	67%, 89%, 75%
CMY	0.3294, 0.1137, 0.2549
CMYK	0.24, 0.00, 0.16, 0.11
HSL	141°, 49%, 78%
HSV	141°, 24%, 89%
XYZ	53.2852, 66.7683, 58.7943
YIQ	205.4510, -21.2240, -22.8560

Conversions

Conversions Part 2

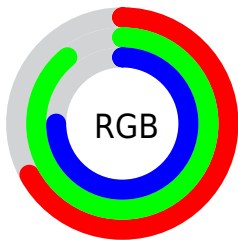
Format	Color
RYB	171, 212, 226
Decimal	11264702
CIELab	85.39, -24.73, 11.94
CIELCh	85, 27.464, 154.226
Yxy	66.7683, 0.2979, 0.3733
Android (android.graphics.Color)	4289454782 (0xFFABE2BE)
YUV	205.4510, -7.6173, -30.2135
Hunter-Lab	81.7119, -26.5940, 14.5373

Details

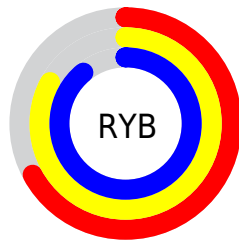
The XYZ color **53.2852, 66.7683, 58.7943** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.1917, 49.8012, 65.6327**, and the grayscale version is **58.3737, 61.4137, 66.8795**.

A 20% lighter version of the original color is **84.0731, 94.5047, 100.9989**, and **26.3613, 34.4071, 28.9188** is the 20% darker color. If you saturate the color by 10%, you get **47.2414, 63.8319, 50.4957**, and if you desaturate by 10%, it is **60.3385, 70.2098, 67.9997**.

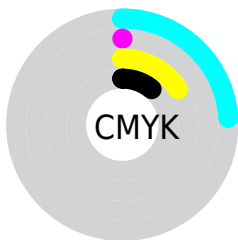
Distribution



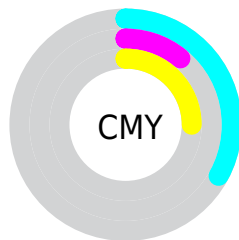
- Red (67%)
- Green (89%)
- Blue (75%)



- Red (67%)
- Yellow (83%)
- Blue (89%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (33%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2852, 66.7683, 58.7943 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 53.2852, 66.7683, 58.7943 by changing the saturation by 10% instead.


 53.2852, 66.7683,
58.7943

 53.2852, 66.7683,
58.7943


389.6213,
449.1196, 437.8198

 38.2589, 48.8964,
42.0286


 94.1870, 114.5883,
104.6048

 26.3618, 34.5373,
28.7980


120.7931,
145.3052, 134.4868

 17.2286, 23.3066,
18.6838

151.9899,
181.0726, 169.5779

 10.4939, 14.8201,
11.2675

188.1428,
222.2747, 210.2967

 5.7924, 8.6932,
6.1306

229.6170,
269.2961, 257.0617

 2.7587, 4.5416,
2.8546

276.7779,

 1.0275, 1.9809,

322.5211, 310.2916

1.0209

329.9909,
382.3342, 370.4048

0.0000, 0.5964,
0.0000

0.0000, 0.0000,
0.0000

53.2852, 66.7683,
58.7943

53.2852, 66.7683,
58.7943

47.2414, 63.8319,
50.4957

60.3385, 70.2098,
67.9997

42.1540, 61.3683,
43.0718

68.4402, 74.1705,
78.1340

37.9730, 59.3542,
36.4951

77.6340, 78.6742,
89.2238

34.6418, 57.7609,
30.7348

85.5639, 82.5057,
101.1816

■ 32.0969, 56.5565,
25.7584

■ 86.4876, 82.8752,
106.0459

■ 30.2651, 55.7039,
21.5308

■ 29.0584, 55.1584,
18.0141

■ 28.5753, 54.9463,
16.3206

Harmonies

Analogous

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



56.9668, 66.7683, 47.8884



53.2852, 66.7683, 58.7943



52.2614, 66.7683, 75.2535

Triad

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



53.2852, 66.7683, 58.7943



64.3470, 66.7683, 112.5060



73.8769, 66.7683, 55.0794

Complementary

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



53.2852, 66.7683, 58.7943



57.1917, 49.8012, 65.6327

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.



76.1568, 66.7683, 70.2036



53.2852, 66.7683, 58.7943



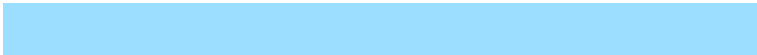
70.4315, 66.7683, 104.8711

Square

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



53.2852, 66.7683, 58.7943



58.3996, 66.7683, 108.1277



74.8568, 66.7683, 88.6402



68.8073, 66.7683, 46.0023

Rectangle

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



53.2852, 66.7683, 58.7943



53.1636, 66.7683, 87.6856



74.8568, 66.7683, 88.6402



75.0095, 66.7683, 59.5260

Sweetspot

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



53.2870, 66.7711, 58.7958



86.9606, 96.0405, 98.9988



60.4683, 70.6977, 48.9880



18.4710, 20.4871, 21.0133



0.0000, 0.0000, 0.0000



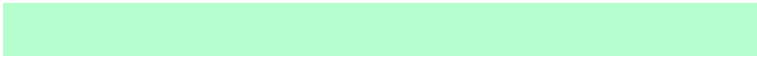
20.3446, 21.4041, 23.3091

Same Dimension

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



53.2870, 66.7711, 58.7958



66.0408, 85.8350, 71.8593



56.4958, 68.0546, 75.6930



13.7232, 15.4150, 15.5779



16.3519, 31.3656, 9.5762



1.1746, 2.1906, 0.8805

Inverse Universe

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



57.1917, 49.8012, 65.6327



71.9805, 60.0107, 82.2517



54.1841, 48.5981, 49.7948



14.0834, 13.8510, 16.2092



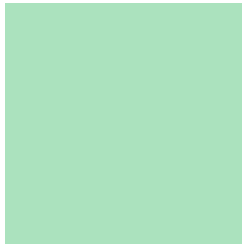
20.9975, 10.4660, 17.1846



1.4971, 0.7421, 1.4105

Previews

White Background



This preview shows how the XYZ color 53.2852, 66.7683, 58.7943 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 53.2852, 66.7683, 58.7943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

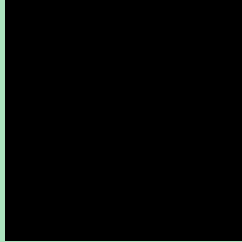
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

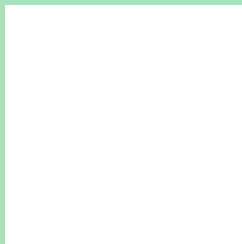
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.2852, 66.7683, 58.7943

Background



This preview shows how black text looks on a background with the XYZ color 53.2852, 66.7683, 58.7943.

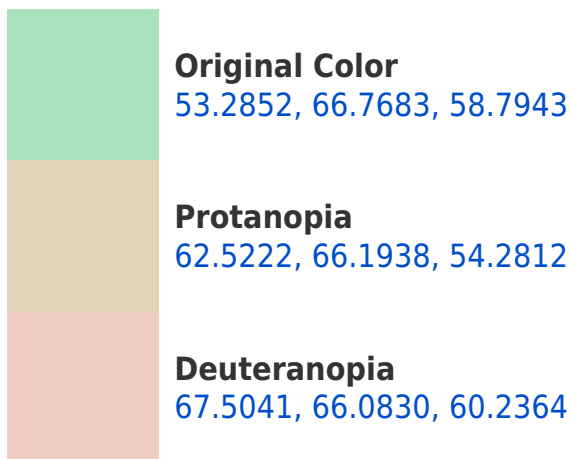


This preview shows how white text looks on a background with the XYZ color 53.2852, 66.7683,

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

59.4400, 66.4808, 89.8200

Trichromacy



Original Color

53.2852, 66.7683, 58.7943



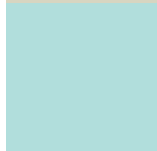
Protanomaly

58.5776, 66.0082, 56.1079



Deuteranomaly

61.4442, 65.8858, 59.9309



Tritanomaly

57.1710, 66.7570, 77.5823

Monochromacy



Original Color

53.2852, 66.7683, 58.7943



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

56.2119, 63.0961, 63.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2852, 66.7683, 58.7943 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(171, 226, 190)` looks like.

```
.text, #text, p{  
    color:rgb(171, 226, 190)  
}
```

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(171, 226, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 226, 190) }
```

Border

The CSS property to change the border of an element to XYZ 53.2852, 66.7683, 58.7943 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(171, 226, 190) }
```


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

```
.border{ border-color:rgb(171, 226, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 226, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 226, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 226, 190);  
box-shadow:4px 4px 4px 4px rgb(171, 226,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2852, 66.7683, 58.7943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 226, 190) }
```

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

```
.background{ background-color: rgb(171,  
226, 190) }
```

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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