

Converting Colors

XYZ(55.8266, 68.2122, 52.8717)

Have a look what the booklet for
XYZ(55.8266, 68.2122, 52.8717)
contains.

XYZ(55.8266, 68.2122, 52.8717)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.8266, 68.2122,
52.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE2B3
RGB	187, 226, 179
RGB Percent	73%, 89%, 70%
CMY	0.2667, 0.1137, 0.2980
CMYK	0.17, 0.00, 0.21, 0.11
HSL	110°, 45%, 79%
HSV	110°, 21%, 89%
XYZ	55.8266, 68.2122, 52.8717
YIQ	208.9810, -8.1570, -22.8850

Conversions

Conversions Part 2

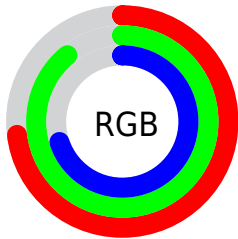
Format	Color
RYB	179, 226, 218
Decimal	12313267
CIELab	86.11, -21.41, 18.86
CIELCh	86, 28.527, 138.624
Yxy	68.2122, 0.3156, 0.3856
Android (android.graphics.Color)	4290503347 (0xFFBBE2B3)
YUV	208.9810, -14.7806, -19.2773
Hunter-Lab	82.5907, -23.8778, 19.8581

Details

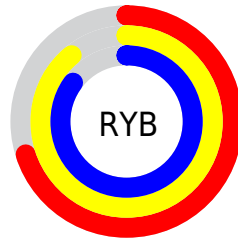
The XYZ color **55.8266, 68.2122, 52.8717** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.7637, 52.6385, 79.0181**, and the grayscale version is **60.6907, 63.8513, 69.5341**.

A 20% lighter version of the original color is **88.0636, 96.7513, 92.6307**, and **28.0017, 35.6187, 25.1379** is the 20% darker color. If you saturate the color by 10%, you get **49.4336, 65.1613, 41.6030**, and if you desaturate by 10%, it is **63.1971, 71.7277, 66.1446**.

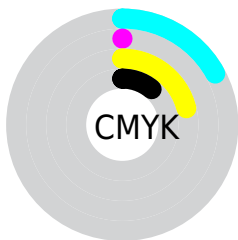
Distribution



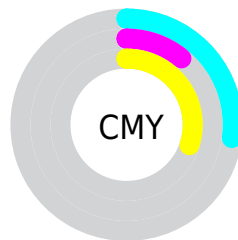
- Red (73%)
- Green (89%)
- Blue (70%)



- Red (70%)
- Yellow (89%)
- Blue (85%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (27%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8266, 68.2122, 52.8717 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 55.8266, 68.2122, 52.8717 by changing the saturation by 10% instead.


 55.8266, 68.2122,
52.8717

 55.8266, 68.2122,
52.8717


399.1233,
454.2475, 414.8450

 40.3004, 50.0704,
37.3133


 97.8923, 116.6557,
95.8552

 27.9581, 35.4693,
25.1525


125.1624,
147.7261, 124.1174

 18.4343, 24.0246,
15.9707


157.0780,
183.8749, 157.4513

 11.3638, 15.3519,
9.3493

194.0042,
225.4864, 196.2754

 6.3812, 9.0667,
4.8698

236.3065,
272.9450, 241.0083

 3.1211, 4.7847,
2.1137


284.3502,


 1.2181, 2.1215,


326.6351, 292.0685


0.6239


338.5007,
386.9411, 349.8746


 0.1206, 0.6767,
0.0000


 0.0000, 0.0000,
0.0000


 55.8266, 68.2122,
52.8717


 55.8266, 68.2122,
52.8717


 49.4336, 65.1613,
41.6030


 63.1971, 71.7277,
66.1446

 43.9715, 62.5471,
32.2368

 71.5784, 75.7171,
81.5076

 39.3977, 60.3520,
24.6695

 81.0091, 80.2003,
99.0473

 35.6643, 58.5537,
18.7856

 86.4877, 82.8754,
106.0459

■ 32.7186, 57.1280,
14.4565

■ 30.5020, 56.0476,
11.5347

■ 28.9466, 55.2816,
9.8445

■ 28.0142, 54.8163,
9.1041

Harmonies

Analogous

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



60.8905, 68.2122, 45.0428



55.8266, 68.2122, 52.8717



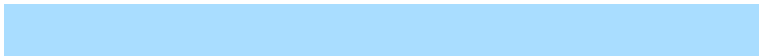
53.2436, 68.2122, 67.3753

Triad

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



55.8266, 68.2122, 52.8717



62.3787, 68.2122, 115.5861



77.5287, 68.2122, 63.3279

Complementary

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



55.8266, 68.2122, 52.8717



58.7637, 52.6385, 79.0181

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.



77.9943, 68.2122, 81.6229



55.8266, 68.2122, 52.8717



68.9435, 68.2122, 114.0070

Square

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



55.8266, 68.2122, 52.8717



56.8527, 68.2122, 104.7908



74.7609, 68.2122, 100.7833



73.5286, 68.2122, 50.3403

Rectangle

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



55.8266, 68.2122, 52.8717



53.1514, 68.2122, 79.8178



74.7609, 68.2122, 100.7833



78.1133, 68.2122, 68.9883

Sweetspot

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



55.8284, 68.2151, 52.8732



88.1660, 96.7245, 96.2275



64.4154, 69.2501, 52.6204



18.7172, 20.6297, 20.3147



0.0000, 0.0000, 0.0000



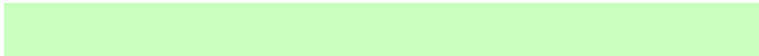
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8284, 68.2151, 52.8732



69.5756, 87.8630, 62.7268



55.5134, 67.8693, 61.1462



13.7451, 15.4488, 14.5642



16.0493, 31.3063, 5.1968



1.1787, 2.2041, 0.3633

Inverse Universe

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



58.7637, 52.6385, 79.0181



74.0958, 63.8508, 103.0269



59.2591, 53.1197, 68.8372



14.0541, 13.8115, 17.3128



19.6865, 9.2441, 41.7951



1.4259, 0.6724, 2.8999

Previews

White Background



This preview shows how the XYZ color 55.8266, 68.2122, 52.8717 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 55.8266, 68.2122, 52.8717 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

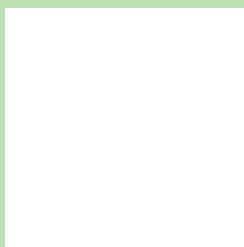
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8266, 68.2122, 52.8717

Background



This preview shows how black text looks on a background with the XYZ color 55.8266, 68.2122, 52.8717.

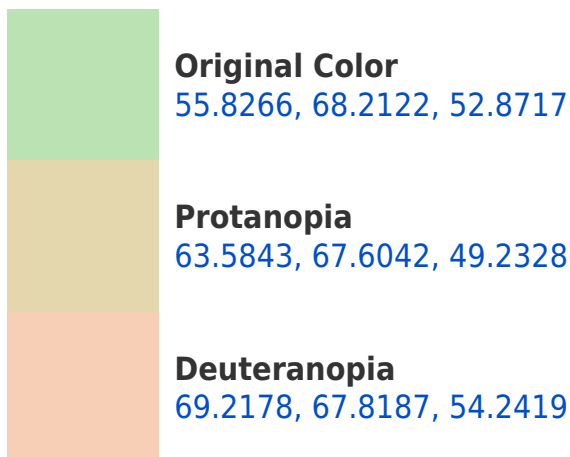


This preview shows how white text looks on a background with the XYZ color 55.8266, 68.2122,

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

62.9767, 67.9347, 89.1504

Trichromacy



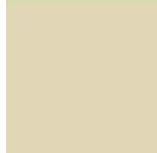
Original Color

55.8266, 68.2122, 52.8717



Protanomaly

60.2498, 67.3841, 50.3884



Deuteranomaly

63.5414, 67.4781, 53.9316



Tritanomaly

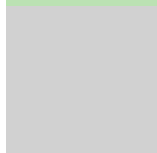
60.1145, 67.9567, 74.2386

Monochromacy



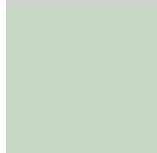
Original Color

55.8266, 68.2122, 52.8717



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.5809, 65.0956, 62.9032

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8266, 68.2122, 52.8717 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(187, 226, 179)` looks like.

```
.text, #text, p{  
    color:rgb(187, 226, 179)  
}
```

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(187, 226, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 226, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.8266, 68.2122, 52.8717 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(187, 226, 179) }
```


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

```
.border{ border-color:rgb(187, 226, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 226, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 226, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 226, 179); box-shadow:4px 4px 4px 4px rgb(187, 226, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8266, 68.2122, 52.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 226, 179) }
```

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

```
.background{ background-color: rgb(187,  
226, 179) }
```

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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