

Converting Colors

XYZ(55.8560, 68.1272, 66.9891)

Have a look what the booklet for
XYZ(55.8560, 68.1272, 66.9891)
contains.

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Color

**XYZ(55.9278, 68.3639,
66.7478)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE3CB
RGB	175, 227, 203
RGB Percent	69%, 89%, 80%
CMY	0.3137, 0.1098, 0.2039
CMYK	0.23, 0.00, 0.11, 0.11
HSL	152°, 48%, 79%
HSV	152°, 23%, 89%
XYZ	55.9278, 68.3639, 66.7478
YIQ	208.7160, -23.2880, -18.4880

Conversions

Conversions Part 2

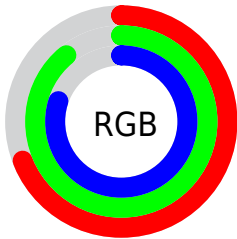
Format	Color
RYB	175, 209, 227
Decimal	11527115
CIELab	86.19, -21.48, 6.29
CIELCh	86, 22.381, 163.683
Yxy	68.3639, 0.2928, 0.3579
Android (android.graphics.Color)	4289717195 (0xFFAFE3CB)
YUV	208.7160, -2.8180, -29.5689
Hunter-Lab	82.6825, -23.9539, 10.0142

Details

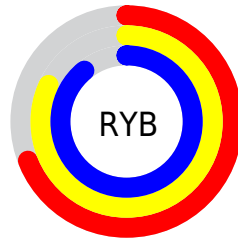
The XYZ color **55.9278, 68.3639, 66.7478** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.3197, 51.1161, 60.8811**, and the grayscale version is **60.4495, 63.5975, 69.2577**.

A 20% lighter version of the original color is **86.7650, 95.7289, 108.5123**, and **27.8729, 35.3607, 33.7900** is the 20% darker color. If you saturate the color by 10%, you get **50.0484, 65.4742, 60.1741**, and if you desaturate by 10%, it is **62.7519, 71.7345, 73.8092**.

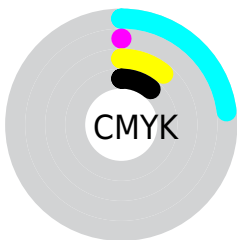
Distribution



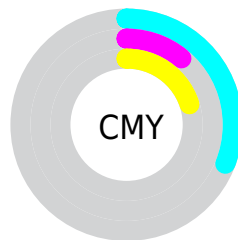
- Red (69%)
- Green (89%)
- Blue (80%)



- Red (69%)
- Yellow (82%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (31%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9278, 68.3639, 66.7478 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 55.9278, 68.3639, 66.7478 by changing the saturation by 10% instead.


 55.9278, 68.3639,
66.7478

 55.9278, 68.3639,
66.7478


399.4988,
454.7843, 467.5236

 40.3818, 50.1938,
48.4194


 98.0394, 116.8726,
116.1962

 28.0219, 35.5674,
33.7968

125.3358,
147.9800, 148.1532

 18.4827, 24.1003,
22.4614


157.2796,
184.1686, 185.4902

 11.3989, 15.4080,
13.9948

194.2363,
225.8229, 228.6257

 6.4051, 9.1063,
7.9783

236.5712,
273.3272, 277.9783

 3.1359, 4.8106,
3.9935

284.6497,

 1.2260, 2.1365,

327.0659, 333.9664

1.6218

338.8371,
387.4235, 397.0087

■ 0.1268, 0.6851,
0.3063

■ 0.0000, 0.0000,
0.0000

■ 55.9278, 68.3639,
66.7478

■ 55.9278, 68.3639,
66.7478

■ 50.0484, 65.4742,
60.1741

■ 62.7519, 71.7345,
73.8092

■ 45.0635, 63.0343,
54.0727

■ 70.5564, 75.5988,
81.3641

■ 40.9268, 61.0223,
48.4341

■ 79.3821, 79.9793,
89.4239

■ 37.5854, 59.4111,
43.2466

■ 85.1785, 82.7879,
97.8070

■ 34.9802, 58.1705,
38.4979

■ 86.7603, 83.4207,
106.1368

■ 33.0430, 57.2655,
34.1749

■ 31.6920, 56.6542,
30.2636

■ 30.9972, 56.3514,
27.7291

Harmonies

Analogous

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



58.3740, 68.3639, 55.7490



55.9278, 68.3639, 66.7478



55.8212, 68.3639, 81.3505

Triad

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



55.9278, 68.3639, 66.7478



67.3491, 68.3639, 105.5407



72.4073, 68.3639, 56.5130

Complementary

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



55.9278, 68.3639, 66.7478



57.3197, 51.1161, 60.8811

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.



75.0847, 68.3639, 67.9261



55.9278, 68.3639, 66.7478



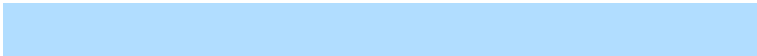
72.0618, 68.3639, 96.8934

Square

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



55.9278, 68.3639, 66.7478



62.2345, 68.3639, 105.1153



74.9550, 68.3639, 82.6944



67.8006, 68.3639, 50.3962

Rectangle

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



55.9278, 68.3639, 66.7478



57.0792, 68.3639, 91.3034



74.9550, 68.3639, 82.6944



73.5734, 68.3639, 59.7867

Sweetspot

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



55.9297, 68.3667, 66.7493



87.4868, 96.2510, 101.7697



58.8333, 70.2150, 51.0105



18.5927, 20.5358, 21.6546



0.0000, 0.0000, 0.0000



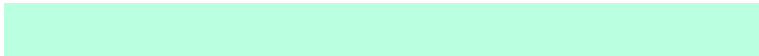
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9297, 68.3667, 66.7493



69.3953, 87.3175, 83.1648



58.5440, 68.6576, 82.8430



14.5122, 16.2183, 16.9619



18.1364, 32.8867, 16.4847



1.3870, 2.4489, 1.4646

Inverse Universe

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



57.3197, 51.1161, 60.8811



71.4761, 61.4993, 74.3844



55.0880, 50.7668, 47.4540



14.6523, 14.4781, 16.3696



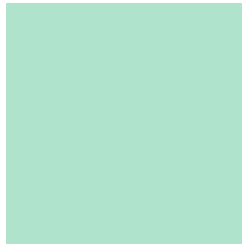
20.0129, 10.1394, 8.9630



1.5254, 0.7679, 0.9071

Previews

White Background



This preview shows how the XYZ color 55.9278, 68.3639, 66.7478 looks on a white background.

Color Contrast Check

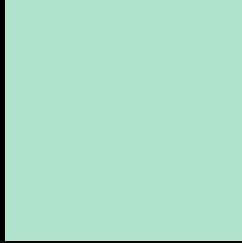
Large Text (above 18pt) WCAG AA × Fail

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 55.9278, 68.3639, 66.7478 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

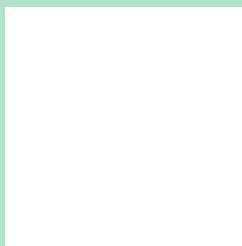
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9278, 68.3639, 66.7478

Background



This preview shows how black text looks on a background with the XYZ color 55.9278, 68.3639, 66.7478.



This preview shows how white text looks on a background with the XYZ color 55.9278, 68.3639,

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

55.9278, 68.3639, 66.7478

Protanopia

64.4418, 67.7666, 61.9084

Deuteranopia

69.4150, 67.9675, 68.4920



Tritanopia

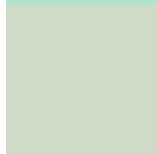
60.9927, 68.4196, 91.6530

Trichromacy



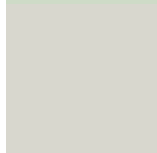
Original Color

55.9278, 68.3639, 66.7478



Protanomaly

61.0939, 67.9084, 63.9205



Deuteranomaly

63.7599, 67.6560, 68.0909



Tritanomaly

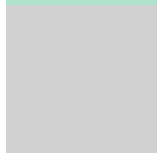
58.9735, 68.3860, 82.0431

Monochromacy



Original Color

55.9278, 68.3639, 66.7478



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.8443, 65.4870, 68.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9278, 68.3639, 66.7478 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(175, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(175, 227, 203)  
}
```

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(175, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 227, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.9278, 68.3639, 66.7478 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(175, 227, 203) }
```


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

```
.border{ border-color:rgb(175, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(175, 227,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9278, 68.3639, 66.7478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 227, 203) }
```

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

```
.background{ background-color: rgb(175,  
227, 203) }
```

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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