

Converting Colors

XYZ(51.6381, 67.2036, 59.4296)

Have a look what the booklet for
XYZ(51.6381, 67.2036, 59.4296)
contains.

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Color

**XYZ(51.5238, 67.0693,
59.5203)**

Conversions

Conversions Part 1

Format	Color
Hex	9EE5BF
RGB	158, 229, 191
RGB Percent	62%, 90%, 75%
CMY	0.3804, 0.1019, 0.2510
CMYK	0.31, 0.00, 0.17, 0.10
HSL	148°, 58%, 76%
HSV	148°, 31%, 90%
XYZ	51.5238, 67.0693, 59.5203
YIQ	203.4390, -30.1180, -26.8700

Conversions

Conversions Part 2

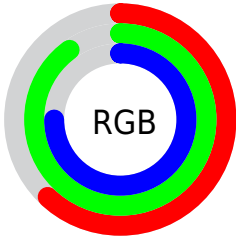
Format	Color
RYB	158, 206, 229
Decimal	10413503
CIELab	85.54, -29.98, 11.54
CIELCh	86, 32.124, 158.953
Yxy	67.0693, 0.2893, 0.3766
Android (android.graphics.Color)	4288603583 (0xFF9EE5BF)
YUV	203.4390, -6.1324, -39.8500
Hunter-Lab	81.8958, -31.0166, 14.2363

Details

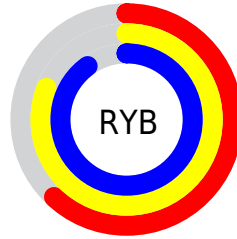
The XYZ color **51.5238, 67.0693, 59.5203** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.5060, 45.0988, 58.0593**, and the grayscale version is **57.0931, 60.0664, 65.4123**.

A 20% lighter version of the original color is **80.2801, 92.5315, 101.6249**, and **25.2399, 34.6652, 29.4055** is the 20% darker color. If you saturate the color by 10%, you get **46.1394, 64.4448, 52.5200**, and if you desaturate by 10%, it is **57.8641, 70.1772, 67.1576**.

Distribution



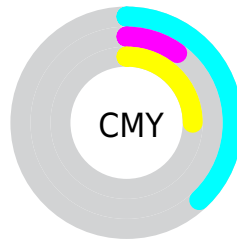
- Red (62%)
- Green (90%)
- Blue (75%)



- Red (62%)
- Yellow (81%)
- Blue (90%)



- Cyan (31%)
- Magenta (0%)
- Yellow (17%)
- Black (10%)





- Cyan (38%)
- Magenta (10%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5238, 67.0693, 59.5203 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 51.5238, 67.0693, 59.5203 by changing the saturation by 10% instead.


 51.5238, 67.0693,
59.5203


 51.5238, 67.0693,
59.5203


382.9497,
450.1914, 440.5828

 36.8484, 49.1409,
42.6093


 91.6070, 115.0197,
105.6700

 25.2633, 34.7313,
29.2496


 117.7454,
145.8105, 135.7459

 16.4031, 23.4560,
19.0225


148.4356,
181.6577, 171.0471

 9.9025, 14.9306,
11.5096

184.0428,
222.9455, 211.9923

 5.3961, 8.7707,
6.2922

224.9325,
270.0584, 258.9999

 2.5186, 4.5919,
2.9519


271.4700,

 0.9047, 2.0099,


323.3807, 312.4885


1.0701


324.0206,
383.2969, 372.8766


 0.0000, 0.6132,
0.0000


 0.0000, 0.0000,
0.0000


 51.5238, 67.0693,
59.5203


 51.5238, 67.0693,
59.5203


 46.1394, 64.4448,
52.5200


 57.8641, 70.1772,
67.1576


 41.6560, 62.2702,
46.1354

 65.2005, 73.7835,
75.4432

 38.0213, 60.5207,
40.3505

 73.5776, 77.9126,
84.3942

 35.1749, 59.1655,
35.1471

 83.0356, 82.5850,
94.0253

■ 33.0482, 58.1697,
30.5057

■ 86.8767, 84.3476,
104.0356

■ 31.5594, 57.4914,
26.4054

■ 87.3106, 84.5211,
106.3202

■ 30.6448, 57.0908,
23.1590

Harmonies

Analogous

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



55.3235, 67.0693, 46.0135



51.5238, 67.0693, 59.5203



50.8625, 67.0693, 79.4638

Triad

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



51.5238, 67.0693, 59.5203



65.9569, 67.0693, 120.3709



75.2982, 67.0693, 50.5570

Complementary

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



51.5238, 67.0693, 59.5203



54.5060, 45.0988, 58.0593

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.



78.6429, 67.0693, 66.9477



51.5238, 67.0693, 59.5203



72.9856, 67.0693, 108.9628

Square

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



51.5238, 67.0693, 59.5203



58.8380, 67.0693, 117.3379



77.7657, 67.0693, 88.4366



68.9225, 67.0693, 41.5668

Rectangle

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



51.5238, 67.0693, 59.5203



52.2368, 67.0693, 94.2679



77.7657, 67.0693, 88.4366



76.8356, 67.0693, 55.2436

Sweetspot

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



51.5256, 67.0721, 59.5218



85.1898, 95.1381, 98.4433



57.2322, 70.3873, 42.9182



17.9152, 20.2064, 20.7232



0.0000, 0.0000, 0.0000



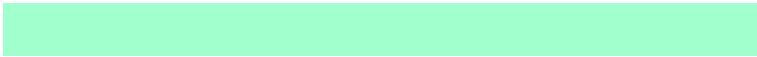
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5256, 67.0721, 59.5218



61.3468, 83.4445, 70.3155



55.7742, 68.7715, 81.8942



14.4666, 16.2001, 16.7221



17.5799, 32.6641, 13.5541



1.3456, 2.4324, 1.2466

Inverse Universe

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



54.5060, 45.0988, 58.0593



65.7003, 51.3382, 68.1723



51.0235, 43.7058, 39.7208



14.6979, 14.4963, 16.6093



20.5652, 10.3603, 11.8710



1.5665, 0.7843, 1.1238

Previews

White Background



This preview shows how the XYZ color 51.5238, 67.0693, 59.5203 looks on a white background.

Color Contrast Check

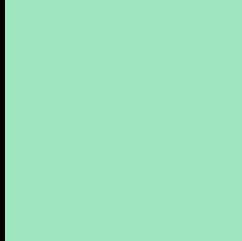
Large Text (above 18pt) WCAG AA × Fail

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 51.5238, 67.0693, 59.5203 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

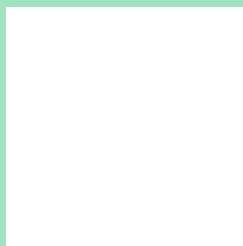
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.5238, 67.0693, 59.5203

Background



This preview shows how black text looks on a background with the XYZ color 51.5238, 67.0693, 59.5203.

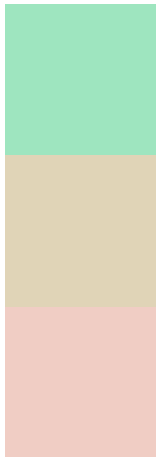


This preview shows how white text looks on a background with the XYZ color 51.5238, 67.0693,

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

51.5238, 67.0693, 59.5203

Protanopia

62.8312, 66.3532, 54.2956

Deuteranopia

67.7303, 66.1734, 61.4275



Tritanopia

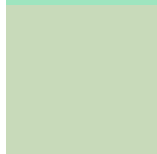
57.9979, 66.8587, 92.2863

Trichromacy



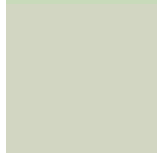
Original Color

51.5238, 67.0693, 59.5203



Protanomaly

57.7537, 65.9673, 56.1434



Deuteranomaly

60.3625, 65.6898, 60.5369



Tritanomaly

55.4199, 67.0169, 79.1219

Monochromacy



Original Color

51.5238, 67.0693, 59.5203



Achromatopsia

56.7640, 59.7202, 65.0353



Achromatomaly

54.3458, 61.7753, 63.0923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5238, 67.0693, 59.5203 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(158, 229, 191)` looks like.

```
.text, #text, p{  
    color:rgb(158, 229, 191)  
}
```

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(158, 229, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 229, 191) }
```

Border

The CSS property to change the border of an element to XYZ 51.5238, 67.0693, 59.5203 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(158, 229, 191) }
```


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

```
.border{ border-color:rgb(158, 229, 191) }
```

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

Here you see how a box with a 4 pixel rgb(158, 229, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 229, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 229, 191);  
box-shadow:4px 4px 4px 4px rgb(158, 229,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5238, 67.0693, 59.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 229, 191) }
```

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

```
.background{ background-color: rgb(158,  
229, 191) }
```

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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