

Converting Colors

XYZ(54.0917, 68.1472, 61.6635)

Have a look what the booklet for
XYZ(54.0917, 68.1472, 61.6635)
contains.

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Color

**XYZ(54.2318, 68.4138,
61.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	A9E5C3
RGB	169, 229, 195
RGB Percent	66%, 90%, 76%
CMY	0.3372, 0.1019, 0.2353
CMYK	0.26, 0.00, 0.15, 0.10
HSL	146°, 54%, 78%
HSV	146°, 26%, 90%
XYZ	54.2318, 68.4138, 61.9766
YIQ	207.1840, -24.8460, -23.2940

Conversions

Conversions Part 2

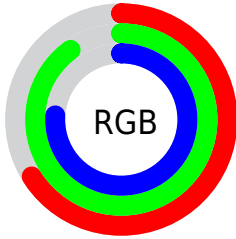
Format	Color
RYB	169, 211, 229
Decimal	11134403
CIELab	86.21, -25.87, 10.48
CIELCh	86, 27.908, 157.944
Yxy	68.4138, 0.2937, 0.3706
Android (android.graphics.Color)	4289324483 (0xFFA9E5C3)
YUV	207.1840, -6.0067, -33.4874
Hunter-Lab	82.7126, -27.7109, 13.4728

Details

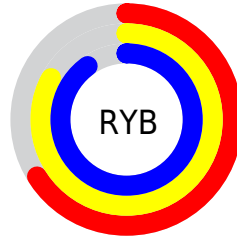
The XYZ color **54.2318, 68.4138, 61.9766** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.2829, 49.3473, 63.0086**, and the grayscale version is **59.4772, 62.5747, 68.1438**.

A 20% lighter version of the original color is **84.3820, 94.5558, 105.8992**, and **26.8215, 35.4551, 30.6292** is the 20% darker color. If you saturate the color by 10%, you get **48.3387, 65.5399, 54.3719**, and if you desaturate by 10%, it is **61.1167, 71.7880, 70.2963**.

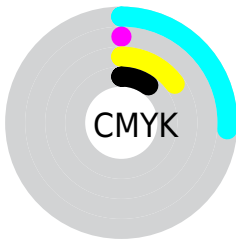
Distribution



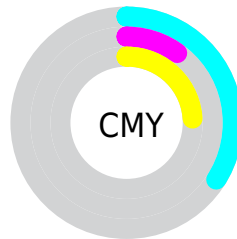
- Red (66%)
- Green (90%)
- Blue (76%)



- Red (66%)
- Yellow (83%)
- Blue (90%)



- Cyan (26%)
- Magenta (0%)
- Yellow (15%)
- Black (10%)





- Cyan (34%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2318, 68.4138, 61.9766 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 54.2318, 68.4138, 61.9766 by changing the saturation by 10% instead.


 54.2318, 68.4138,
61.9766

 54.2318, 68.4138,
61.9766

393.1773,
454.9607, 449.8510

 39.0184, 50.2345,
44.5781


 95.5694, 116.9439,
109.2630

 26.9548, 35.5997,
30.7847


122.4243,
148.0635, 139.9880

 17.6757, 24.1252,
20.1779


153.8905,
184.2652, 175.9922

 10.8157, 15.4265,
12.3391

190.3333,
225.9336, 217.6942

 6.0094, 9.1193,
6.8497

232.1180,
273.4529, 265.5126

 2.8915, 4.8191,
3.2913

279.6100,

 1.0967, 2.1415,

327.2076, 319.8658

1.2452

333.1746,
387.5821, 381.1724

■ 0.0223, 0.6878,
0.0162

■ 0.0000, 0.0000,
0.0000

■ 54.2318, 68.4138,
61.9766

■ 54.2318, 68.4138,
61.9766

■ 48.3387, 65.5399,
54.3719

■ 61.1167, 71.7880,
70.2963

■ 43.3836, 63.1333,
47.4587

■ 69.0323, 75.6766,
79.3449

■ 39.3161, 61.1704,
41.2183

■ 78.0227, 80.1037,
89.1415

■ 36.0785, 59.6217,
35.6299

■ 86.0354, 84.0112,
99.6052

■ 33.6059, 58.4542,
30.6711

■ 87.3106, 84.5212,
106.3202

■ 31.8229, 57.6295,
26.3184

■ 30.6363, 57.1001,
22.5461

■ 30.2838, 56.9465,
21.2580

Harmonies

Analogous

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



57.7191, 68.4138, 49.9228



54.2318, 68.4138, 61.9766



53.5386, 68.4138, 79.4901

Triad

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



54.2318, 68.4138, 61.9766



66.7481, 68.4138, 115.3254



75.2650, 68.4138, 54.7804

Complementary

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



54.2318, 68.4138, 61.9766



57.2829, 49.3473, 63.0086

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.



78.0475, 68.4138, 69.7060



54.2318, 68.4138, 61.9766



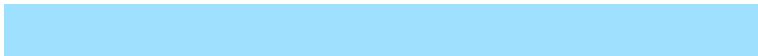
72.9233, 68.4138, 106.0298

Square

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



54.2318, 68.4138, 61.9766



60.4946, 68.4138, 112.3402



77.1635, 68.4138, 88.5859



69.7766, 68.4138, 46.2699

Rectangle

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



54.2318, 68.4138, 61.9766



54.7085, 68.4138, 92.3361



77.1635, 68.4138, 88.5859



76.5637, 68.4138, 59.1073

Sweetspot

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



54.2337, 68.4166, 61.9781



86.1332, 95.6118, 99.0577



60.0850, 71.7437, 48.2180



18.0984, 20.2989, 20.8210



0.0000, 0.0000, 0.0000



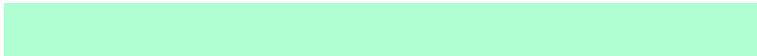
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2337, 68.4166, 61.9781



65.3114, 85.4076, 74.1488



57.8383, 69.8585, 80.9598



14.4473, 16.1924, 16.6204



17.3719, 32.5809, 12.4586



1.3296, 2.4260, 1.1623

Inverse Universe

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



57.2829, 49.3473, 63.0086



69.7729, 57.4980, 75.6505



54.1430, 48.0914, 46.4743



14.7174, 14.5042, 16.7124



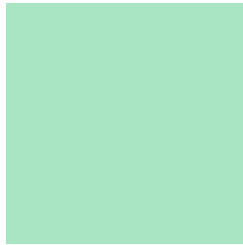
20.8315, 10.4668, 13.2737



1.5858, 0.7920, 1.2253

Previews

White Background



This preview shows how the XYZ color 54.2318, 68.4138, 61.9766 looks on a white background.

Color Contrast Check

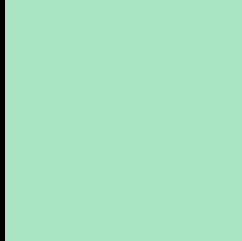
Large Text (above 18pt) WCAG AA × Fail

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 54.2318, 68.4138, 61.9766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

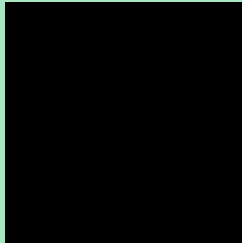
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2318, 68.4138, 61.9766

Background



This preview shows how black text looks on a background with the XYZ color 54.2318, 68.4138, 61.9766.



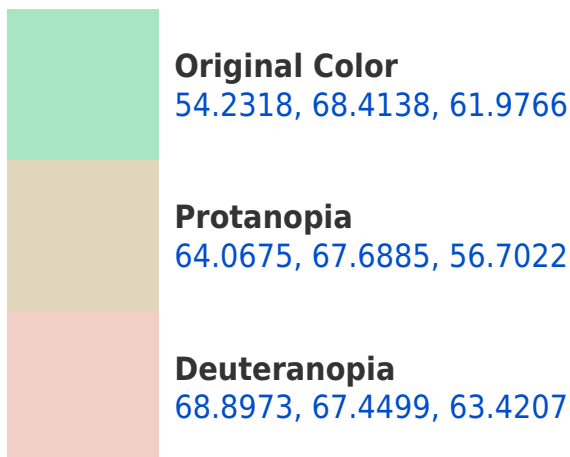
This preview shows how white text looks on a background with the XYZ color 54.2318, 68.4138,

61.9766.

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

60.4759, 68.5316, 92.4786

Trichromacy



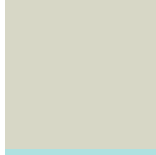
Original Color

54.2318, 68.4138, 61.9766



Protanomaly

59.8026, 67.3599, 58.5650



Deuteranomaly

62.5178, 67.1252, 63.0875



Tritanomaly

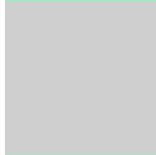
58.0590, 68.3462, 80.6531

Monochromacy



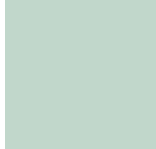
Original Color

54.2318, 68.4138, 61.9766



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

57.0722, 64.2501, 65.8934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2318, 68.4138, 61.9766 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(169, 229, 195)` looks like.

```
.text, #text, p{  
    color:rgb(169, 229, 195)  
}
```

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(169, 229, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 229, 195) }
```

Border

The CSS property to change the border of an element to XYZ 54.2318, 68.4138, 61.9766 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(169, 229, 195) }
```


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

```
.border{ border-color:rgb(169, 229, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 229, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 229, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 229, 195); box-shadow:4px 4px 4px 4px rgb(169, 229, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2318, 68.4138, 61.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 229, 195) }
```

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

```
.background{ background-color: rgb(169,  
229, 195) }
```

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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