

Converting Colors

XYZ(52.0569, 67.9511, 62.1631)

Have a look what the booklet for
XYZ(52.0569, 67.9511, 62.1631)
contains.

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Color

**XYZ(52.1365, 68.1599,
62.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE7C3
RGB	156, 231, 195
RGB Percent	61%, 91%, 76%
CMY	0.3882, 0.0941, 0.2353
CMYK	0.32, 0.00, 0.16, 0.09
HSL	151°, 61%, 76%
HSV	151°, 32%, 91%
XYZ	52.1365, 68.1599, 62.0380
YIQ	204.4710, -33.1440, -27.0960

Conversions

Conversions Part 2

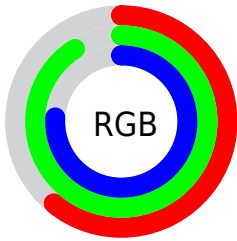
Format	Color
RYB	156, 205, 231
Decimal	10282947
CIELab	86.09, -30.73, 10.21
CIELCh	86, 32.382, 161.627
Yxy	68.1599, 0.2859, 0.3738
Android (android.graphics.Color)	4288473027 (0xFF9CE7C3)
YUV	204.4710, -4.6692, -42.5091
Hunter-Lab	82.5590, -31.7545, 13.2385

Details

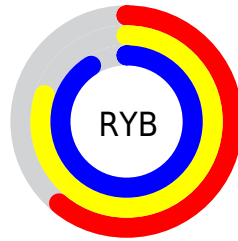
The XYZ color **52.1365, 68.1599, 62.0380** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **54.3602, 44.5732, 55.6103**, and the grayscale version is **57.7377, 60.7446, 66.1508**.

A 20% lighter version of the original color is **80.4821, 92.5453, 105.7166**, and **25.6172, 35.4078, 30.6835** is the 20% darker color. If you saturate the color by 10%, you get **46.8771, 65.5900, 55.4891**, and if you desaturate by 10%, it is **58.3428, 71.2109, 69.1202**.

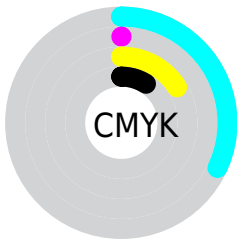
Distribution



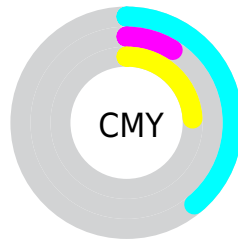
- Red (61%)
- Green (91%)
- Blue (76%)



- Red (61%)
- Yellow (80%)
- Blue (91%)



- Cyan (32%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)





- Cyan (39%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1365, 68.1599, 62.0380 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 52.1365, 68.1599, 62.0380 by changing the saturation by 10% instead.


 52.1365, 68.1599,
62.0380

 52.1365, 68.1599,
62.0380


385.2787,
454.0623, 450.0812

 37.3386, 50.0278,
44.6274


 92.5056, 116.5809,
109.3526

 25.6446, 35.4355,
30.8232


 118.8074,
147.6385, 140.0937

 16.6893, 23.9985,
20.2070


149.6746,
183.7736, 176.1153

 10.1071, 15.3325,
12.3600

185.4726,
225.3703, 217.8361

 5.5329, 9.0531,
6.8638

226.5666,
272.8131, 265.6745

 2.6011, 4.7758,
3.2999

273.3220,

 0.9465, 2.1163,

326.4865, 320.0491

1.2498

326.1043,
386.7748, 381.3785

■ 0.0000, 0.6738,
0.0201

■ 0.0000, 0.0000,
0.0000

■ 52.1365, 68.1599,
62.0380

■ 52.1365, 68.1599,
62.0380

■ 46.8771, 65.5900,
55.4891

■ 58.3428, 71.2109,
69.1202

■ 42.5087, 63.4670,
49.4560

■ 65.5369, 74.7583,
76.7435

■ 38.9779, 61.7655,
43.9270

■ 73.7639, 78.8270,
84.9212

■ 36.2229, 60.4539,
38.8877

■ 83.0646, 83.4378,
93.6649

■ 34.1729, 59.4960,
34.3233

■ 87.1424, 85.3445,
102.6891

■ 32.7428, 58.8482,
30.2177

■ 87.8672, 85.6344,
106.5057

■ 31.9745, 58.5133,
27.4158

Harmonies

Analogous

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



55.7400, 68.1599, 47.6145



52.1365, 68.1599, 62.0380



51.7606, 68.1599, 82.7799

Triad

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



52.1365, 68.1599, 62.0380



67.7095, 68.1599, 121.9988



76.0735, 68.1599, 50.1948

Complementary

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



52.1365, 68.1599, 62.0380



54.3602, 44.5732, 55.6103

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.



79.8268, 68.1599, 66.2614



52.1365, 68.1599, 62.0380



74.7568, 68.1599, 109.2355

Square

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



52.1365, 68.1599, 62.0380



60.3796, 68.1599, 120.2696



79.3273, 68.1599, 87.8884



69.3974, 68.1599, 41.7337

Rectangle

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



52.1365, 68.1599, 62.0380



53.3530, 68.1599, 97.8330



79.3273, 68.1599, 87.8884



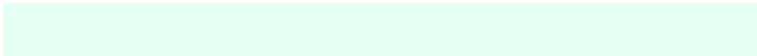
77.7411, 68.1599, 54.7406

Sweetspot

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



52.1384, 68.1627, 62.0395



84.3742, 94.7169, 98.4389



56.3805, 70.7943, 42.1464



17.7613, 20.1260, 20.7675



0.0000, 0.0000, 0.0000



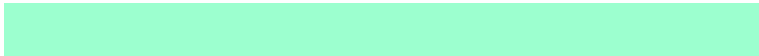
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1384, 68.1627, 62.0395



60.6779, 83.0609, 72.0339



56.3637, 69.2950, 86.0093



14.5007, 16.2137, 16.9016



17.9877, 32.8272, 15.7016



1.3761, 2.4446, 1.4073

Inverse Universe

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



54.3602, 44.5732, 55.6103



63.8669, 49.2117, 62.8127



51.0570, 43.5893, 37.1759



14.6637, 14.4827, 16.4295



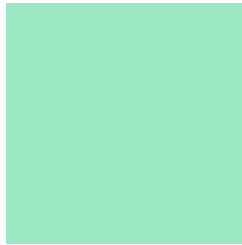
20.1420, 10.1910, 9.6429



1.5352, 0.7718, 0.9587

Previews

White Background



This preview shows how the XYZ color 52.1365, 68.1599, 62.0380 looks on a white background.

Color Contrast Check

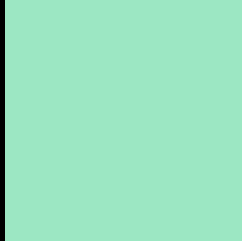
Large Text (above 18pt) WCAG AA × Fail

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 52.1365, 68.1599, 62.0380 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

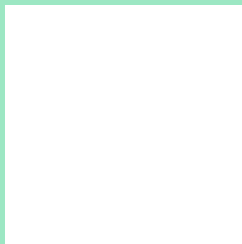
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1365, 68.1599, 62.0380

Background



This preview shows how black text looks on a background with the XYZ color 52.1365, 68.1599, 62.0380.



This preview shows how white text looks on a background with the XYZ color 52.1365, 68.1599,

62.0380.

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

52.1365, 68.1599, 62.0380

Protanopia

63.9608, 67.6459, 56.1402

Deuteranopia

68.6733, 67.3210, 64.0184



Tritanopia

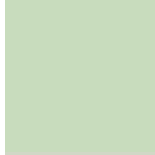
58.4086, 67.8291, 94.0183

Trichromacy



Original Color

52.1365, 68.1599, 62.0380



Protanomaly

58.5979, 67.1399, 58.0150



Deuteranomaly

61.0434, 66.7443, 63.0917



Tritanomaly

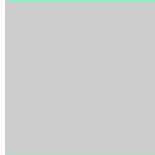
55.9600, 68.0558, 81.4208

Monochromacy



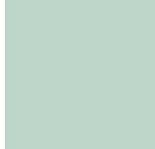
Original Color

52.1365, 68.1599, 62.0380



Achromatopsia

57.3938, 60.3827, 65.7568



Achromatomaly

55.0827, 62.8750, 64.4913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1365, 68.1599, 62.0380 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(156, 231, 195)` looks like.

```
.text, #text, p{  
    color:rgb(156, 231, 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(156, 231, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 231, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.1365, 68.1599, 62.0380 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(156, 231, 195) }
```


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

```
.border{ border-color:rgb(156, 231, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 231, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 231, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 231, 195);  
box-shadow:4px 4px 4px 4px rgb(156, 231,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1365, 68.1599, 62.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 231, 195) }
```

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

```
.background{ background-color: rgb(156,  
231, 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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