

Converting Colors

XYZ(52.6116, 67.3517, 65.0634)

Have a look what the booklet for
XYZ(52.6116, 67.3517, 65.0634)
contains.

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Color

**XYZ(52.7427, 67.5797,
64.9079)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE5C8
RGB	159, 229, 200
RGB Percent	62%, 90%, 78%
CMY	0.3765, 0.1019, 0.2157
CMYK	0.31, 0.00, 0.13, 0.10
HSL	155°, 57%, 76%
HSV	155°, 31%, 90%
XYZ	52.7427, 67.5797, 64.9079
YIQ	204.7640, -32.4110, -23.8590

Conversions

Conversions Part 2

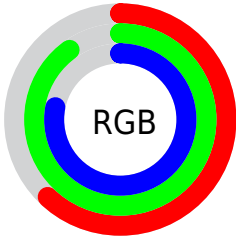
Format	Color
RYB	159, 203, 229
Decimal	10479048
CIELab	85.80, -27.90, 7.19
CIELCh	86, 28.810, 165.553
Yxy	67.5797, 0.2847, 0.3648
Android (android.graphics.Color)	4288669128 (0xFF9FE5C8)
YUV	204.7640, -2.3487, -40.1350
Hunter-Lab	82.2069, -29.3391, 10.7313

Details

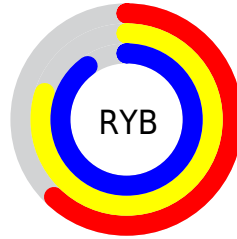
The XYZ color **52.7427, 67.5797, 64.9079** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.7907, 45.0868, 53.4472**, and the grayscale version is **57.9091, 60.9249, 66.3472**.

A 20% lighter version of the original color is **81.8343, 93.1871, 108.2815**, and **25.9576, 34.9657, 32.5751** is the 20% darker color. If you saturate the color by 10%, you get **47.5410, 65.0241, 59.0554**, and if you desaturate by 10%, it is **58.8583, 70.6021, 71.1653**.

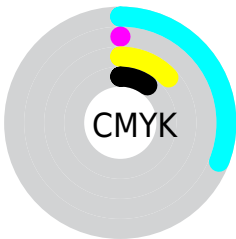
Distribution



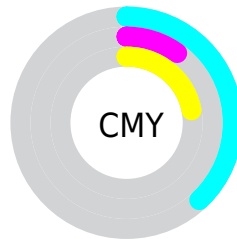
- Red (62%)
- Green (90%)
- Blue (78%)



- Red (62%)
- Yellow (80%)
- Blue (90%)



- Cyan (31%)
- Magenta (0%)
- Yellow (13%)
- Black (10%)




- Cyan (38%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7427, 67.5797, 64.9079 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 52.7427, 67.5797, 64.9079 by changing the saturation by 10% instead.


 52.7427, 67.5797,
64.9079

 52.7427, 67.5797,
64.9079

387.5742,
452.0054, 460.7581

 37.8241, 49.5559,
46.9355


 93.3934, 115.7507,
113.5294

 26.0228, 35.0606,
32.6307


 119.8562,
146.6666, 145.0157

 16.9734, 23.7096,
21.5749


150.8977,
182.6487, 181.8437

 10.3107, 15.1183,
13.3496

186.8834,
224.0814, 224.4319

 5.6693, 8.9025,
7.5361

228.1785,
271.3490, 273.1989

 2.6838, 4.6776,
3.7161

275.1484,

 0.9888, 2.0594,

324.8359, 328.5632

1.4709

328.1586,
384.9266, 390.9435

0.0000, 0.6416,
0.1961

0.0000, 0.0000,
0.0000

52.7427, 67.5797,
64.9079

52.7427, 67.5797,
64.9079

47.5410, 65.0241,
59.0554

58.8583, 70.6021,
71.1653

43.1997, 62.9025,
53.5945

65.9263, 74.1055,
77.8315

39.6684, 61.1907,
48.5177

73.9898, 78.1140,
84.9159

36.8889, 59.8590,
43.8155

83.0874, 82.6472,
92.4263

■ 34.7945, 58.8732,
39.4775

■ 86.1173, 84.0438,
100.0364

■ 33.3062, 58.1926,
35.4930

■ 87.3106, 84.5211,
106.3202

■ 32.3324, 57.7659,
32.0460

Harmonies

Analogous

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



55.6167, 67.5797, 51.0139



52.7427, 67.5797, 64.9079



52.7982, 67.5797, 83.7326

Triad

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



52.7427, 67.5797, 64.9079



67.6851, 67.5797, 114.3027



73.5059, 67.5797, 50.6273

Complementary

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



52.7427, 67.5797, 64.9079



53.7907, 45.0868, 53.4472

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.



77.2088, 67.5797, 64.2882



52.7427, 67.5797, 64.9079



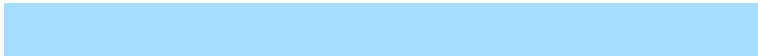
73.6950, 67.5797, 101.9849

Square

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



52.7427, 67.5797, 64.9079



61.1274, 67.5797, 114.5458



77.2803, 67.5797, 82.9981



67.4410, 67.5797, 43.7754

Rectangle

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



52.7427, 67.5797, 64.9079



54.4789, 67.5797, 96.7272



77.2803, 67.5797, 82.9981



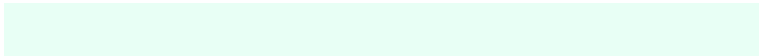
75.0858, 67.5797, 54.4604

Sweetspot

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



52.7446, 67.5825, 64.9094



85.6115, 95.3068, 100.6640



55.0596, 69.2573, 43.2679



18.0191, 20.2480, 21.2701



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.



52.7446, 67.5825, 64.9094



62.7705, 84.0140, 77.8125



54.8754, 65.8953, 83.9589



14.5416, 16.2301, 17.1169



18.5466, 33.0507, 18.6444



1.4165, 2.4607, 1.6199

Inverse Universe

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



53.7907, 45.0868, 53.4472



64.3188, 50.7856, 60.8972



51.9982, 46.0130, 38.9426



14.6234, 14.4665, 16.2171



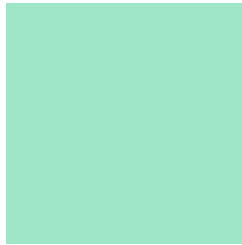
19.7095, 10.0180, 7.3654



1.5018, 0.7584, 0.7830

Previews

White Background



This preview shows how the XYZ color 52.7427, 67.5797, 64.9079 looks on a white background.

Color Contrast Check

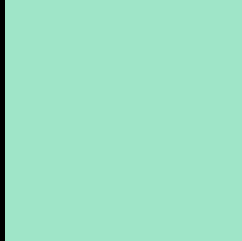
Large Text (above 18pt) WCAG AA × Fail

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 52.7427, 67.5797, 64.9079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

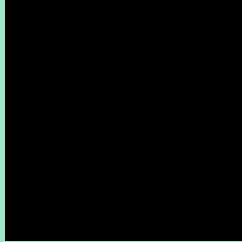
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.7427, 67.5797, 64.9079

Background



This preview shows how black text looks on a background with the XYZ color 52.7427, 67.5797, 64.9079.



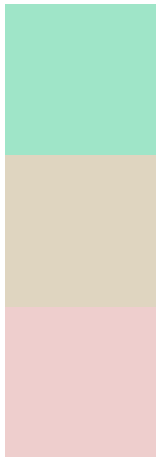
This preview shows how white text looks on a background with the XYZ color 52.7427, 67.5797,

64.9079.

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

52.7427, 67.5797, 64.9079

Protanopia

63.7401, 67.0822, 59.4579

Deuteranopia

68.3506, 66.7275, 67.0348



Tritanopia

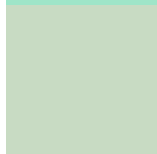
58.4133, 67.4511, 93.1597

Trichromacy



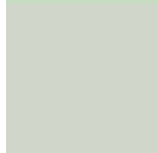
Original Color

52.7427, 67.5797, 64.9079



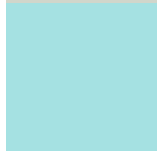
Protanomaly

59.0013, 66.8825, 61.4297



Deuteranomaly

61.1206, 65.9602, 66.0101



Tritanomaly

56.1697, 67.3407, 81.9891

Monochromacy



Original Color

52.7427, 67.5797, 64.9079



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.5651, 63.0963, 65.7501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7427, 67.5797, 64.9079 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(159, 229, 200)` looks like.

```
.text, #text, p{  
    color:rgb(159, 229, 200)  
}
```

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(159, 229, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 229, 200) }
```

Border

The CSS property to change the border of an element to XYZ 52.7427, 67.5797, 64.9079 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(159, 229, 200) }
```


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

```
.border{ border-color:rgb(159, 229, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 229, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 229, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 229, 200);  
box-shadow:4px 4px 4px 4px rgb(159, 229,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7427, 67.5797, 64.9079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 229, 200) }
```

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

```
.background{ background-color: rgb(159,  
229, 200) }
```

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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