

Converting Colors

XYZ(52.7925, 78.0320, 49.2347)

Have a look what the booklet for
XYZ(52.7925, 78.0320, 49.2347)
contains.

XYZ(52.8628, 78.1107, 49.3365)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8628, 78.1107,
49.3365)**

Conversions

Conversions Part 1

Format	Color
Hex	8DFCA8
RGB	141, 252, 168
RGB Percent	55%, 99%, 66%
CMY	0.4471, 0.0117, 0.3412
CMYK	0.44, 0.00, 0.33, 0.01
HSL	135°, 95%, 77%
HSV	135°, 44%, 99%
XYZ	52.8628, 78.1107, 49.3365
YIQ	209.2350, -39.1920, -49.6560

Conversions

Conversions Part 2

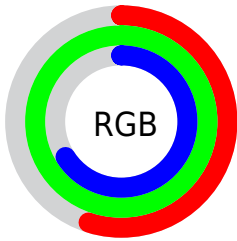
Format	Color
RYB	141, 230, 252
Decimal	9305256
CIELab	90.83, -49.29, 30.58
CIElCh	91, 58.001, 148.187
Yxy	78.1107, 0.2932, 0.4332
Android (android.graphics.Color)	4287495336 (0xFF8DFCA8)
YUV	209.2350, -20.3289, -59.8421
Hunter-Lab	88.3803, -47.8994, 28.7687

Details

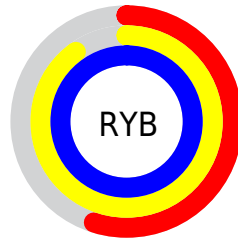
The XYZ color **52.8628, 78.1107, 49.3365** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **63.2629, 45.1830, 76.6239**, and the grayscale version is **60.9064, 64.0782, 69.7812**.

A 20% lighter version of the original color is **72.7677, 89.0439, 83.8729**, and **26.1769, 42.1070, 22.9675** is the 20% darker color. If you saturate the color by 10%, you get **47.4073, 75.4910, 40.4779**, and if you desaturate by 10%, it is **59.5577, 81.3437, 59.6167**.

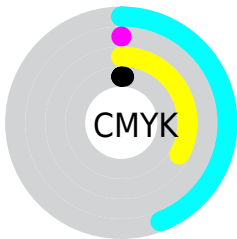
Distribution



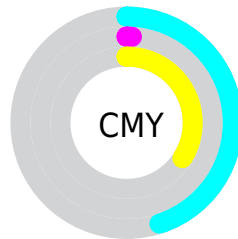
- Red (55%)
- Green (99%)
- Blue (66%)



- Red (55%)
- Yellow (90%)
- Blue (99%)



- Cyan (44%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)





- Cyan (45%)
- Magenta (1%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8628, 78.1107, 49.3365 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 52.8628, 78.1107, 49.3365 by changing the saturation by 10% instead.


 52.8628, 78.1107,
49.3365

 52.8628, 78.1107,
49.3365


388.0280,
488.5427, 400.7260

 37.9203, 58.1649,
34.5190


 93.5692, 130.7062,
90.5772

 26.0978, 41.9412,
23.0120


 120.0637,
164.1246, 117.8374

 17.0299, 29.0553,
14.3970

151.1397,
202.8028, 150.0824

 10.3512, 19.1227,
8.2554

187.1624,
247.1250, 187.7305

 5.6965, 11.7589,
4.1687

228.4973,
297.4757, 231.2004

 2.7003, 6.5798,
1.7183

275.5096,

 0.9973, 3.2007,

354.2393, 280.9106

0.3733

328.5647,
417.8002, 337.2796

■ 0.0000, 1.2374,
0.0000

■ 0.0000, 0.0919,
0.0000

■ 52.8628, 78.1107,
49.3365

■ 52.8628, 78.1107,
49.3365

■ 47.4073, 75.4910,
40.4779

■ 59.5577, 81.3437,
59.6167

■ 43.1070, 73.4357,
32.9729

■ 67.5572, 85.2157,
71.3718

■ 39.8762, 71.9044,
26.7558

■ 76.9292, 89.7627,
84.6589

■ 37.6143, 70.8468,
21.7535

■ 87.7349, 95.0153,
99.5306

■ 36.1999, 70.2018,
17.8849

■ 94.1019, 98.1038,
108.5840

■ 35.6623, 69.9640,
16.0820

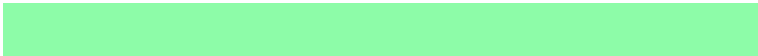
Harmonies

Analogous

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



61.7633, 78.1107, 32.0688



52.8628, 78.1107, 49.3365



49.5836, 78.1107, 82.5320

Triad

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



52.8628, 78.1107, 49.3365



73.3576, 78.1107, 193.2818



101.8163, 78.1107, 52.4634

Complementary

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



52.8628, 78.1107, 49.3365



63.2629, 45.1830, 76.6239

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.



105.9605, 78.1107, 87.6172



52.8628, 78.1107, 49.3365



88.2972, 78.1107, 177.3415

Square

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



52.8628, 78.1107, 49.3365



60.4131, 78.1107, 173.2240



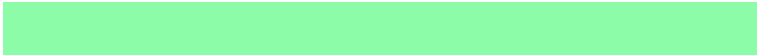
100.7244, 78.1107, 134.8238



90.0346, 78.1107, 33.4142

Rectangle

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



52.8628, 78.1107, 49.3365



50.6512, 78.1107, 112.6716



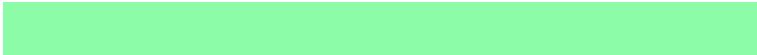
100.7244, 78.1107, 134.8238



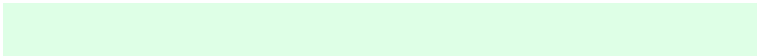
104.2115, 78.1107, 62.3563

Sweetspot

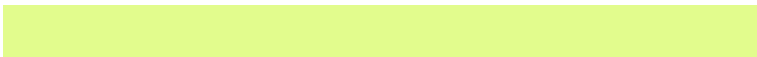
The Sweet Spot groups the original color and five complimentary colors.



52.8648, 78.1139, 49.3383



80.1091, 92.7342, 88.4766



71.0164, 87.7325, 38.3911



16.6576, 19.6115, 18.2548



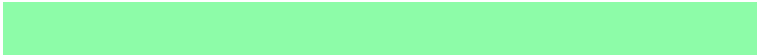
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.8648, 78.1139, 49.3383



49.2120, 77.7932, 42.4397



59.0357, 80.5823, 81.8339



17.1905, 19.3785, 19.2036



18.6243, 36.4627, 8.6309



1.7649, 3.3930, 1.0096

Inverse Universe

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



63.2629, 45.1830, 76.6239



61.1401, 39.9375, 73.6818



56.9846, 42.6717, 43.5628



17.8020, 17.4481, 20.8129



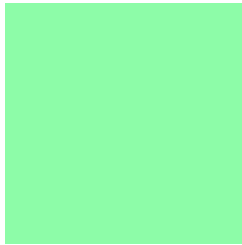
25.8547, 12.7576, 27.0069



2.4361, 1.1982, 2.7202

Previews

White Background



This preview shows how the XYZ color 52.8628, 78.1107, 49.3365 looks on a white background.

Color Contrast Check

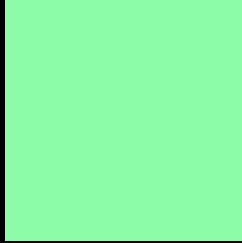
Large Text (above 18pt) WCAG AA × Fail

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 52.8628, 78.1107, 49.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

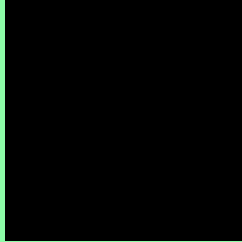
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

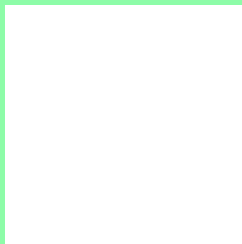
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8628, 78.1107, 49.3365

Background



This preview shows how black text looks on a background with the XYZ color 52.8628, 78.1107, 49.3365.



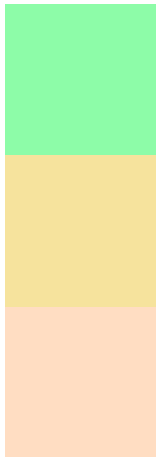
This preview shows how white text looks on a background with the XYZ color 52.8628, 78.1107,

49.3365.

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

52.8628, 78.1107, 49.3365

Protanopia

71.5609, 76.9653, 42.9824

Deuteranopia

76.8341, 76.8679, 61.8263



Tritanopia

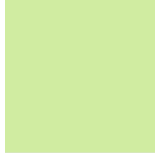
66.0801, 77.3677, 106.0584

Trichromacy



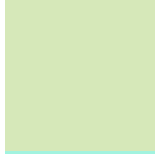
Original Color

52.8628, 78.1107, 49.3365



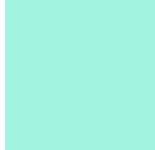
Protanomaly

62.4409, 75.9740, 45.0917



Deuteranomaly

65.3451, 75.5121, 57.0302



Tritanomaly

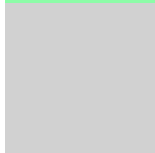
60.2702, 77.1103, 81.5192

Monochromacy



Original Color

52.8628, 78.1107, 49.3365



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.4300, 67.9358, 61.1777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8628, 78.1107, 49.3365 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(141, 252, 168)` looks like.

```
.text, #text, p{  
    color:rgb(141, 252, 168)  
}
```

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(141, 252, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 252, 168) }
```

Border

The CSS property to change the border of an element to XYZ 52.8628, 78.1107, 49.3365 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(141, 252, 168) }
```


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

```
.border{ border-color:rgb(141, 252, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 252, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 252, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 252, 168); box-shadow:4px 4px 4px 4px rgb(141, 252, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8628, 78.1107, 49.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 252, 168) }
```

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

```
.background{ background-color: rgb(141,  
252, 168) }
```

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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