

Converting Colors

XYZ(52.4748, 79.7018, 32.3569)

Have a look what the booklet for
XYZ(52.4748, 79.7018, 32.3569)
contains.

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Color

**XYZ(52.4748, 79.7018,
32.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF7E
RGB	152, 255, 126
RGB Percent	60%, 100%, 49%
CMY	0.4039, 0.0000, 0.5059
CMYK	0.40, 0.00, 0.51, 0.00
HSL	108°, 100%, 75%
HSV	108°, 51%, 100%
XYZ	52.4748, 79.7018, 32.3569
YIQ	209.4970, -19.9790, -61.9550

Conversions

Conversions Part 2

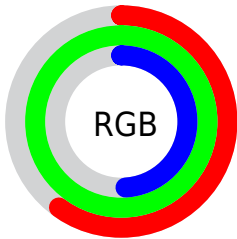
Format	Color
RYB	126, 255, 229
Decimal	10026878
CIELab	91.55, -53.40, 51.97
CIELCh	92, 74.515, 135.780
Yxy	79.7018, 0.3189, 0.4844
Android (android.graphics.Color)	4288216958 (0xFF98FF7E)
YUV	209.4970, -41.1640, -50.4249
Hunter-Lab	89.2759, -51.3136, 41.0042

Details

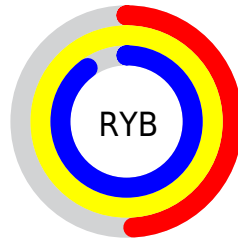
The XYZ color **52.4748, 79.7018, 32.3569** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **57.8254, 38.8011, 99.0494**, and the grayscale version is **61.1991, 64.3862, 70.1166**.

A 20% lighter version of the original color is **70.9645, 88.7051, 57.0976**, and **25.7849, 42.7932, 13.2042** is the 20% darker color. If you saturate the color by 10%, you get **47.5441, 77.3264, 24.6044**, and if you desaturate by 10%, it is **58.4796, 82.5824, 42.3508**.

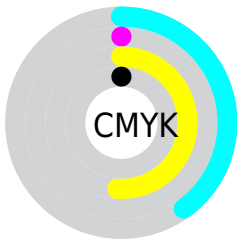
Distribution



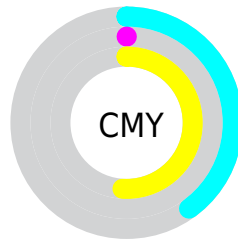
- Red (60%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4748, 79.7018, 32.3569 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 52.4748, 79.7018, 32.3569 by changing the saturation by 10% instead.


 52.4748, 79.7018,
32.3569


 52.4748, 79.7018,
32.3569


386.5608,
493.9273, 327.2845


 37.6095, 59.4730,
21.3672


 93.0012, 132.9464,
64.4746

 25.8556, 42.9940,
13.1988


 119.3929,
166.7310, 86.4396

 16.8477, 29.8804,
7.4333


 150.3575,
205.8029, 112.9001

 10.2206, 19.7478,
3.6520

186.2604,
250.5467, 144.2748

 5.6089, 12.2119,
1.4364

227.4667,
301.3466, 180.9820

 2.6471, 6.8881,
0.1699

274.3420,

 0.9700, 3.3922,

358.5871, 223.4403

0.0000

327.2516,
422.6525, 272.0683

0.0000, 1.3398,
0.0000

0.0000, 0.1717,
0.0000

52.4748, 79.7018,
32.3569

52.4748, 79.7018,
32.3569

47.5441, 77.3264,
24.6044

58.4796, 82.5824,
42.3508

43.6208, 75.4257,
18.9168

65.6177, 85.9955,
54.7371

40.6313, 73.9660,
15.0971

73.9451, 89.9667,
69.6582

38.4910, 72.9089,
12.9085

83.5135, 94.5201,
87.2439

■ 37.1450, 72.2340,
11.9848

94.3717, 99.6781,
107.6154

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



66.2484, 79.7018, 20.0193



52.4748, 79.7018, 32.3569



45.5748, 79.7018, 63.5354

Triad

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



52.4748, 79.7018, 32.3569



67.1302, 79.7018, 232.8258



116.6248, 79.7018, 61.3279

Complementary

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



52.4748, 79.7018, 32.3569



57.8254, 38.8011, 99.0494

Split Complementary

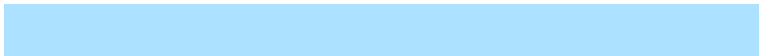
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.9682, 79.7018, 115.1019



52.4748, 79.7018, 32.3569



86.1284, 79.7018, 231.4061

Square

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



52.4748, 79.7018, 32.3569



53.0270, 79.7018, 185.4217



105.0649, 79.7018, 182.1026



104.1933, 79.7018, 31.3253

Rectangle

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



52.4748, 79.7018, 32.3569



44.9126, 79.7018, 97.7488



105.0649, 79.7018, 182.1026



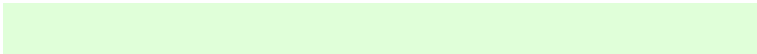
118.2199, 79.7018, 76.6672

Sweetspot

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



52.4751, 79.7019, 32.3581



79.1347, 92.4374, 79.1466



72.4891, 77.7324, 30.9231



16.5091, 19.5812, 16.1531



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.



52.4751, 79.7019, 32.3581



47.3626, 77.2387, 24.3298



50.9355, 78.5842, 46.9242



18.1134, 20.3444, 19.1165



19.5049, 37.7932, 6.2668



1.9831, 3.7231, 0.6141

Inverse Universe

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



57.8254, 38.8011, 99.0494



53.1872, 32.0209, 97.9851



61.4153, 41.2682, 71.3681



18.4130, 18.1046, 22.7740



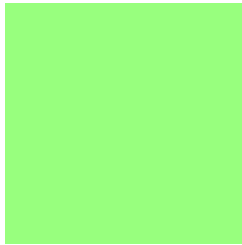
22.5131, 10.5164, 50.2779



2.2786, 1.0686, 4.8994

Previews

White Background



This preview shows how the XYZ color 52.4748, 79.7018, 32.3569 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 52.4748, 79.7018, 32.3569 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

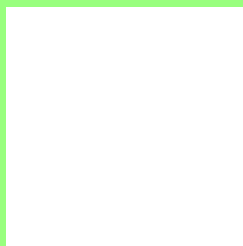
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4748, 79.7018, 32.3569

Background



This preview shows how black text looks on a background with the XYZ color 52.4748, 79.7018, 32.3569.

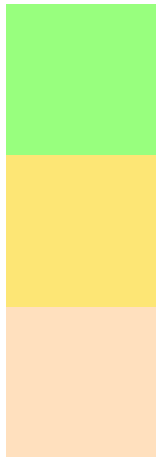


This preview shows how white text looks on a background with the XYZ color 52.4748, 79.7018,

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

52.4748, 79.7018, 32.3569

Protanopia

72.0157, 78.7606, 28.2363

Deuteranopia

77.1899, 78.2890, 59.7581



Tritanopia

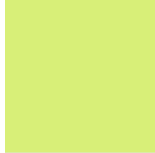
69.1662, 79.3921, 106.2865

Trichromacy



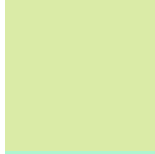
Original Color

52.4748, 79.7018, 32.3569



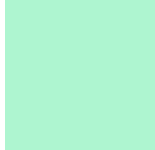
Protanomaly

62.5756, 77.6880, 29.4665



Deuteranomaly

65.5968, 77.1121, 47.9860



Tritanomaly

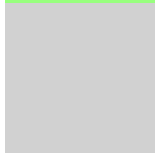
61.4931, 78.8576, 71.6545

Monochromacy



Original Color

52.4748, 79.7018, 32.3569



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.0721, 68.3388, 52.8832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4748, 79.7018, 32.3569 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(152, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 126)  
}
```

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(152, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 126) }
```

Border

The CSS property to change the border of an element to XYZ 52.4748, 79.7018, 32.3569 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(152, 255, 126) }
```


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

```
.border{ border-color:rgb(152, 255, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4748, 79.7018, 32.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 126) }
```

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

```
.background{ background-color: rgb(152,  
255, 126) }
```

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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