

Converting Colors

XYZ(52.4774, 76.4807, 51.0261)

Have a look what the booklet for
XYZ(52.4774, 76.4807, 51.0261)
contains.

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Color

**XYZ(52.4774, 76.4807,
51.0261)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF9AC
RGB	142, 249, 172
RGB Percent	56%, 98%, 67%
CMY	0.4431, 0.0235, 0.3255
CMYK	0.43, 0.00, 0.31, 0.02
HSL	137°, 90%, 77%
HSV	137°, 43%, 98%
XYZ	52.4774, 76.4807, 51.0261
YIQ	208.2290, -39.0550, -46.6310

Conversions

Conversions Part 2

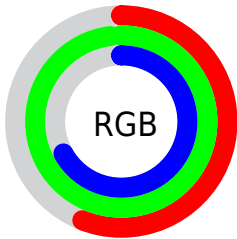
Format	Color
RYB	142, 226, 249
Decimal	9370028
CIELab	90.08, -47.06, 27.55
CIELCh	90, 54.535, 149.655
Yxy	76.4807, 0.2916, 0.4249
Android (android.graphics.Color)	4287560108 (0xFF8EF9AC)
YUV	208.2290, -17.8609, -58.0828
Hunter-Lab	87.4532, -45.9320, 26.6235

Details

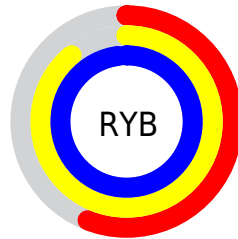
The XYZ color **52.4774, 76.4807, 51.0261** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.5286, 44.6018, 72.3868**, and the grayscale version is **60.2348, 63.3717, 69.0118**.

A 20% lighter version of the original color is **73.5830, 89.4008, 86.7766**, and **25.9257, 40.9625, 23.9929** is the 20% darker color. If you saturate the color by 10%, you get **47.0666, 73.8791, 42.3876**, and if you desaturate by 10%, it is **59.0785, 79.6734, 60.9349**.

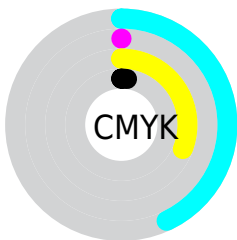
Distribution



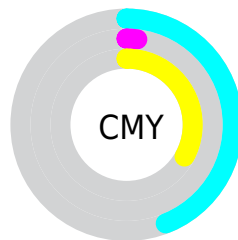
- Red (56%)
- Green (98%)
- Blue (67%)



- Red (56%)
- Yellow (89%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (31%)
- Black (2%)





- Cyan (44%)
- Magenta (2%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4774, 76.4807, 51.0261 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 52.4774, 76.4807, 51.0261 by changing the saturation by 10% instead.

 52.4774, 76.4807,
51.0261

 52.4774, 76.4807,
51.0261


386.5706,
482.9916, 407.5146

 37.6115, 56.8268,
35.8525


 93.0050, 128.4062,
93.1052

 25.8572, 40.8662,
24.0315


 119.3974,
161.4465, 120.8479

 16.8489, 28.2145,
15.1446


150.3628,
199.7178, 153.6173

 10.2215, 18.4874,
8.7732

186.2664,
243.6043, 191.8320

 5.6094, 11.3005,
4.4987

227.4736,
293.4906, 235.9105

 2.6475, 6.2693,
1.9027


274.3499,


 0.9702, 3.0095,


349.7610, 286.2715


0.4945

327.2604,
412.7999, 343.3333


 0.0000, 1.1367,
0.0000


 0.0000, 0.0091,
0.0000


 52.4774, 76.4807,
51.0261


 52.4774, 76.4807,
51.0261


 47.0666, 73.8791,
42.3876


 59.0785, 79.6734,
60.9349


 42.7665, 71.8222,
34.9628

 66.9310, 83.4812,
72.1575

 39.4971, 70.2721,
28.6982

 76.0988, 87.9383,
84.7417

 37.1645, 69.1814,
23.5341

 86.6396, 93.0736,
98.7310

■ 35.6559, 68.4935,
19.4054

■ 93.1671, 96.2343,
108.2724

■ 34.9768, 68.1941,
17.0829

Harmonies

Analogous

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



60.5681, 76.4807, 33.8660



52.4774, 76.4807, 51.0261



49.6621, 76.4807, 82.8268

Triad

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



52.4774, 76.4807, 51.0261



72.5361, 76.4807, 182.1799



97.7192, 76.4807, 51.5886

Complementary

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



52.4774, 76.4807, 51.0261



61.5286, 44.6018, 72.3868

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.



101.9271, 76.4807, 83.7238



52.4774, 76.4807, 51.0261



86.3359, 76.4807, 166.2296

Square

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



52.4774, 76.4807, 51.0261



60.3283, 76.4807, 165.5195



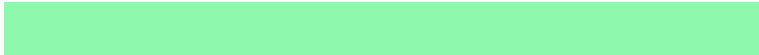
97.5285, 76.4807, 126.8606



86.6405, 76.4807, 34.1128

Rectangle

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



52.4774, 76.4807, 51.0261



50.8466, 76.4807, 110.9263



97.5285, 76.4807, 126.8606



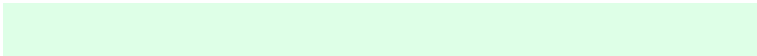
100.0410, 76.4807, 60.6482

Sweetspot

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



52.4794, 76.4839, 51.0278



80.2825, 92.8036, 89.3898



68.4176, 84.9965, 38.3919



16.7000, 19.6284, 18.4781



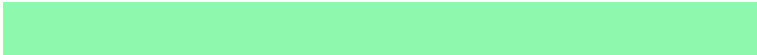
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.4794, 76.4839, 51.0278



50.1510, 78.2101, 45.5170



58.4924, 78.8891, 82.6918



17.2174, 19.3892, 19.3453



18.7736, 36.5224, 9.4169



1.7819, 3.3998, 1.0992

Inverse Universe

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



61.5286, 44.6018, 72.3868



60.8804, 40.3302, 70.7839



55.7141, 42.2760, 41.7679



17.7733, 17.4367, 20.6620



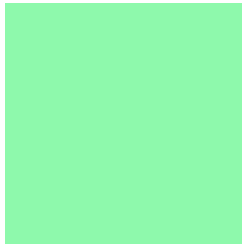
25.3412, 12.5522, 24.3030



2.3922, 1.1806, 2.4887

Previews

White Background



This preview shows how the XYZ color 52.4774, 76.4807, 51.0261 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 52.4774, 76.4807, 51.0261 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

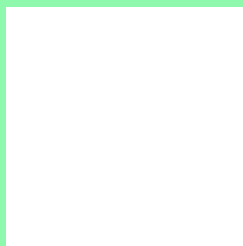
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4774, 76.4807, 51.0261

Background



This preview shows how black text looks on a background with the XYZ color 52.4774, 76.4807, 51.0261.

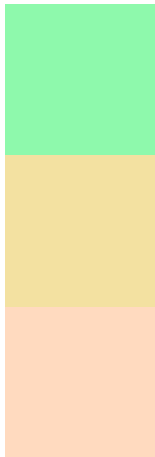


This preview shows how white text looks on a background with the XYZ color 52.4774, 76.4807,

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

52.4774, 76.4807, 51.0261

Protanopia

70.3204, 75.4783, 44.5807

Deuteranopia

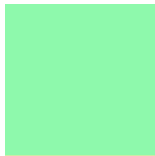
75.7154, 75.1644, 59.8078



Tritanopia

64.2705, 76.0039, 105.8905

Trichromacy



Original Color

52.4774, 76.4807, 51.0261



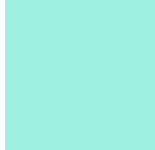
Protanomaly

61.6679, 74.6841, 46.7625



Deuteranomaly

64.4026, 73.7955, 56.1970



Tritanomaly

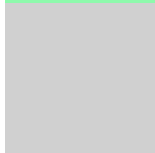
59.1465, 75.6159, 82.7122

Monochromacy



Original Color

52.4774, 76.4807, 51.0261



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

56.0052, 66.9058, 61.5921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4774, 76.4807, 51.0261 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(142, 249, 172)` looks like.

```
.text, #text, p{  
    color:rgb(142, 249, 172)  
}
```

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(142, 249, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 249, 172) }
```

Border

The CSS property to change the border of an element to XYZ 52.4774, 76.4807, 51.0261 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(142, 249, 172) }
```


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

```
.border{ border-color:rgb(142, 249, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 249, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 249, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 249, 172);  
box-shadow:4px 4px 4px 4px rgb(142, 249,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4774, 76.4807, 51.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 249, 172) }
```

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

```
.background{ background-color: rgb(142,  
249, 172) }
```

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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