

Converting Colors

XYZ(52.1309, 79.6910, 24.8187)

Have a look what the booklet for
XYZ(52.1309, 79.6910, 24.8187)
contains.

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Color

**XYZ(52.2095, 79.7287,
24.9494)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9EFF65 |
| RGB | 158, 255, 101 |
| RGB Percent | 62%, 100%, 40% |
| CMY | 0.3804, 0.0000, 0.6039 |
| CMYK | 0.38, 0.00, 0.60, 0.00 |
| HSL | 98°, 100%, 70% |
| HSV | 98°, 60%, 100% |
| XYZ | 52.2095, 79.7287, 24.9494 |
| YIQ | 208.4410, -8.3780, -68.4580 |

Conversions

Conversions Part 2

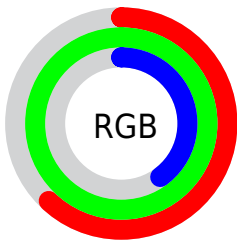
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 101, 255, 198 |
| Decimal | 10420069 |
| CIELab | 91.56, -54.15, 63.07 |
| CIELCh | 92, 83.123, 130.647 |
| Yxy | 79.7287, 0.3328, 0.5082 |
| Android (android.graphics.Color) | 4288610149 (0xFF9EFF65) |
| YUV | 208.4410, -52.9684, -44.2368 |
| Hunter-Lab | 89.2909, -51.8880, 45.9370 |

Details

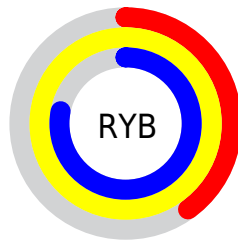
The XYZ color **52.2095, 79.7287, 24.9494** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **45.9941, 28.5347, 97.6913**, and the grayscale version is **60.5778, 63.7326, 69.4048**.

A 20% lighter version of the original color is **70.4611, 88.7060, 45.3066**, and **25.7757, 43.2152, 9.2684** is the 20% darker color. If you saturate the color by 10%, you get **48.1920, 77.7802, 19.2206**, and if you desaturate by 10%, it is **57.0279, 82.0452, 32.7405**.

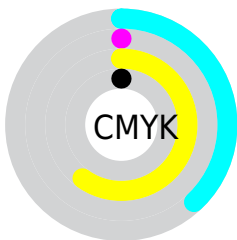
Distribution



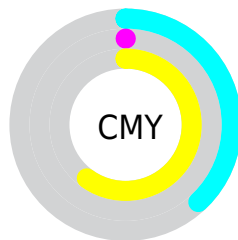
- Red (62%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (38%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2095, 79.7287, 24.9494 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 52.2095, 79.7287, 24.9494 by changing the saturation by 10% instead.


 52.2095, 79.7287,
24.9494


 52.2095, 79.7287,
24.9494


385.5556,
494.0181, 291.0255

 37.3970, 59.4951,
15.8207


 92.6125, 132.9842,
52.5382


 25.6901, 43.0118,
9.2444


 118.9338,
166.7750, 71.8354

 16.7234, 29.8944,
4.8019


 149.8221,
205.8536, 95.3592

 10.1316, 19.7584,
2.0748

 185.6427,
250.6044, 123.5280

 5.5492, 12.2196,
0.6007

226.7610,
301.4119, 156.7606

 2.6110, 6.8934,
0.0000

273.5423,

 0.9516, 3.3955,

358.6604, 195.4753

0.0000

326.3520,
422.7343, 240.0907

0.0000, 1.3415,
0.0000

0.0000, 0.1730,
0.0000

52.2095, 79.7287,
24.9494

52.2095, 79.7287,
24.9494

48.1920, 77.7802,
19.2206

57.0279, 82.0452,
32.7405

44.9217, 76.1765,
15.3541


62.6941, 84.7503,
42.7619

42.3374, 74.8911,
13.1160

69.2516, 87.8630,
55.1685

40.4150, 73.9197,
12.1378

76.7405, 91.4009,
70.1004

 85.1982, 95.3805,
87.6865

94.6599, 99.8174,
108.0475

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.



68.4957, 79.7287, 15.2049



52.2095, 79.7287, 24.9494



43.4623, 79.7287, 53.5900

Triad

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



52.2095, 79.7287, 24.9494



63.0597, 79.7287, 250.0847



123.3091, 79.7287, 66.9803

Complementary

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



52.2095, 79.7287, 24.9494



45.9941, 28.5347, 97.6913

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.



121.1071, 79.7287, 131.5228



52.2095, 79.7287, 24.9494



83.5627, 79.7287, 259.4845

Square

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



52.2095, 79.7287, 24.9494



48.8708, 79.7287, 187.2102



105.5514, 79.7287, 208.9110



111.1021, 79.7287, 30.8130

Rectangle

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



52.2095, 79.7287, 24.9494



41.8936, 79.7287, 88.1367



105.5514, 79.7287, 208.9110



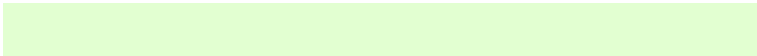
124.2789, 79.7287, 85.4987

Sweetspot

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



52.2097, 79.7288, 24.9506



78.6727, 92.3114, 74.0579



63.3220, 61.6653, 20.8783



16.3373, 19.5219, 14.8245



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.



52.2097, 79.7288, 24.9506



47.6166, 77.4994, 18.4780



44.4554, 75.6182, 29.6963



18.4065, 20.4955, 19.1302



21.2681, 38.7022, 6.3493



2.1864, 3.8279, 0.6236

Inverse Universe

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



45.9941, 28.5347, 97.6913



40.8340, 22.3484, 96.7692



61.1852, 36.6847, 84.0028



18.1028, 17.9447, 22.7595



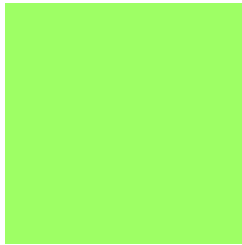
17.2421, 7.7991, 50.0312



1.7994, 0.8216, 4.8770

Previews

White Background



This preview shows how the XYZ color 52.2095, 79.7287, 24.9494 looks on a white background.

Color Contrast Check

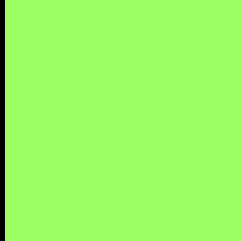
Large Text (above 18pt) WCAG AA × Fail

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 52.2095, 79.7287, 24.9494 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

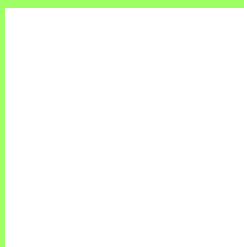
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2095, 79.7287, 24.9494

Background



This preview shows how black text looks on a background with the XYZ color 52.2095, 79.7287, 24.9494.

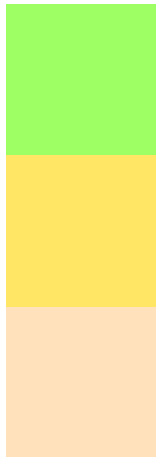


This preview shows how white text looks on a background with the XYZ color 52.2095, 79.7287,

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

52.2095, 79.7287, 24.9494

Protanopia

71.8371, 78.7737, 23.4752

Deuteranopia

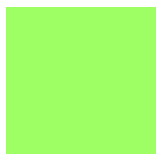
77.2423, 78.7413, 58.7044



Tritanopia

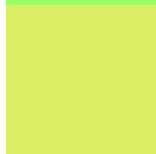
69.6108, 79.1879, 106.2237

Trichromacy



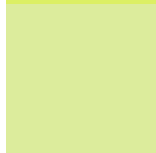
Original Color

52.2095, 79.7287, 24.9494



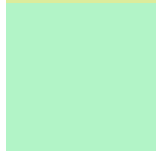
Protanomaly

62.6820, 77.8687, 23.7831



Deuteranomaly

65.5114, 77.6068, 42.9793



Tritanomaly

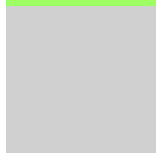
61.0196, 78.2899, 65.9282

Monochromacy



Original Color

52.2095, 79.7287, 24.9494



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

55.3219, 67.6621, 47.6804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2095, 79.7287, 24.9494 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(158, 255, 101)` looks like.

```
.text, #text, p{  
    color:rgb(158, 255, 101)  
}
```

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(158, 255, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 255, 101) }
```

Border

The CSS property to change the border of an element to XYZ 52.2095, 79.7287, 24.9494 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(158, 255, 101) }
```


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

```
.border{ border-color:rgb(158, 255, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 255, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 255, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 255, 101);  
box-shadow:4px 4px 4px 4px rgb(158, 255,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2095, 79.7287, 24.9494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 255, 101) }
```

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

```
.background{ background-color: rgb(158,  
255, 101) }
```

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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