

Converting Colors

XYZ(54.5878, 79.3273, 22.9623)

Have a look what the booklet for
XYZ(54.5878, 79.3273, 22.9623)
contains.

XYZ(54.4221, 79.0326, 22.9762)	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(54.4221, 79.0326,
22.9762)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FB5E
RGB	176, 251, 94
RGB Percent	69%, 98%, 37%
CMY	0.3098, 0.0157, 0.6314
CMYK	0.30, 0.00, 0.63, 0.02
HSL	89°, 95%, 68%
HSV	89°, 63%, 98%
XYZ	54.4221, 79.0326, 22.9762
YIQ	210.6770, 5.6970, -64.7270

Conversions

Conversions Part 2

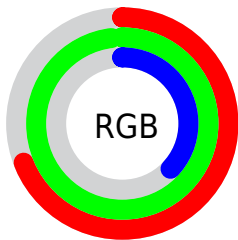
Format	Color
RYB	94, 251, 169
Decimal	11598686
CIELab	91.25, -47.09, 65.84
CIElCh	91, 80.947, 125.571
Yxy	79.0326, 0.3479, 0.5052
Android (android.graphics.Color)	4289788766 (0xFFB0FB5E)
YUV	210.6770, -57.5218, -30.4117
Hunter-Lab	88.9003, -46.3031, 46.9067

Details

The XYZ color **54.4221, 79.0326, 22.9762** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **37.7810, 23.4078, 93.7981**, and the grayscale version is **62.0706, 65.3031, 71.1150**.

A 20% lighter version of the original color is **75.5260, 91.3842, 42.5124**, and **27.0375, 42.5449, 8.2258** is the 20% darker color. If you saturate the color by 10%, you get **50.8817, 77.3196, 17.8571**, and if you desaturate by 10%, it is **58.5719, 81.0224, 30.0379**.

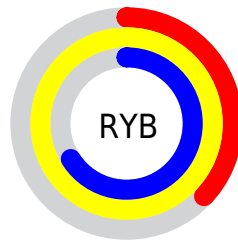
Distribution



Red (69%)

Green (98%)

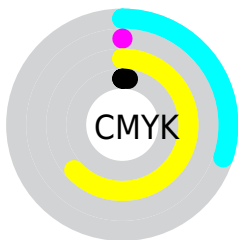
Blue (37%)



Red (37%)

Yellow (98%)

Blue (66%)

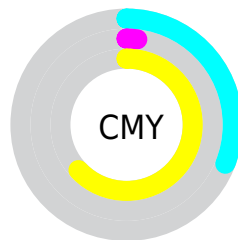


Cyan (30%)

Magenta (0%)

Yellow (63%)

Black (2%)



Cyan (31%)


Magenta (2%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4221, 79.0326, 22.9762 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 54.4221, 79.0326, 22.9762 by changing the saturation by 10% instead.


 54.4221, 79.0326,
22.9762


 54.4221, 79.0326,
22.9762


393.8897,
491.6666, 280.7207

 39.1712, 58.9226,
14.3708


 95.8470, 132.0048,
49.2769


 27.0743, 42.5508,
8.2373


 122.7517,
165.6357, 67.8094

 17.7659, 29.5328,
4.1572


 154.2718,
204.5424, 90.4879

 10.8807, 19.4843,
1.7120

 190.7726,
249.1094, 117.7310

 6.0534, 12.0207,
0.3689

232.6194,
299.7208, 149.9573

 2.9185, 6.7578,
0.0000

280.1776,

 1.1108, 3.3111,

356.7613, 187.5854

0.0000

333.8126,
420.6151, 231.0336

0.0341, 1.2962,
0.0000

0.0000, 0.1383,
0.0000

54.4221, 79.0326,
22.9762

54.4221, 79.0326,
22.9762

50.8817, 77.3196,
17.8571

58.5719, 81.0224,
30.0379

47.9019, 75.8551,
14.4804


63.3636, 83.2947,
39.2061


45.4334, 74.6214,
12.6117


68.8332, 85.8671,
50.6334

43.8729, 73.8302,
11.9383

75.0122, 88.7530,
64.4565

 81.9300, 91.9646,
80.8016

 89.6139, 95.5135,
99.7858

 93.7888, 97.4777,
108.4796

Harmonies

Analogous

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



71.3519, 79.0326, 15.4636



54.4221, 79.0326, 22.9762



44.6137, 79.0326, 47.2664

Triad

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



54.4221, 79.0326, 22.9762



59.9520, 79.0326, 235.4076



121.6345, 79.0326, 75.5411

Complementary

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



54.4221, 79.0326, 22.9762



37.7810, 23.4078, 93.7981

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.



117.0784, 79.0326, 141.7625



54.4221, 79.0326, 22.9762



79.0146, 79.0326, 254.6547

Square

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



54.4221, 79.0326, 22.9762



47.3757, 79.0326, 169.9561



100.4905, 79.0326, 214.5925



112.0036, 79.0326, 35.6322

Rectangle

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



54.4221, 79.0326, 22.9762



42.2442, 79.0326, 77.6181



100.4905, 79.0326, 214.5925



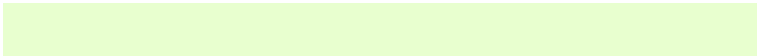
121.7291, 79.0326, 95.0781

Sweetspot

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



54.4240, 79.0361, 22.9779



80.1987, 93.1343, 72.4932



55.6748, 49.0556, 17.1252



16.7403, 19.7367, 14.5259



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.



54.4240, 79.0361, 22.9779



51.9124, 79.7408, 17.4687



41.6911, 72.4720, 22.3820



17.8824, 19.7552, 18.3330



23.2297, 38.8937, 6.2829



2.2739, 3.6654, 0.5876

Inverse Universe

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



37.7810, 23.4078, 93.7981



33.4095, 17.8389, 96.2901



59.3427, 34.5233, 94.8072



17.0720, 17.0497, 21.7764



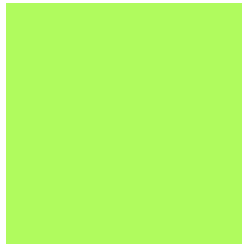
13.3838, 5.8423, 48.3958



1.3611, 0.6038, 4.4880

Previews

White Background



This preview shows how the XYZ color 54.4221, 79.0326, 22.9762 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 54.4221, 79.0326, 22.9762 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

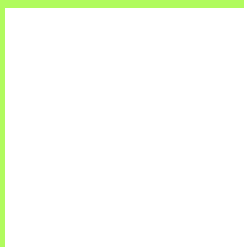
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4221, 79.0326, 22.9762

Background



This preview shows how black text looks on a background with the XYZ color 54.4221, 79.0326, 22.9762.



This preview shows how white text looks on a background with the XYZ color 54.4221, 79.0326, 22.9762.

22.9762.

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

54.4221, 79.0326, 22.9762

Protanopia

71.1911, 78.0713, 21.4423

Deuteranopia

76.6526, 78.0741, 56.9287



Tritanopia

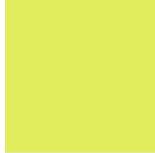
70.8864, 78.5782, 105.1969

Trichromacy



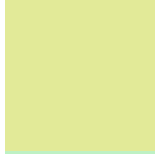
Original Color

54.4221, 79.0326, 22.9762



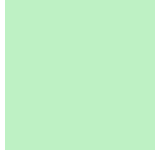
Protanomaly

63.6240, 77.5274, 21.9669



Deuteranomaly

66.4543, 77.2814, 41.1200



Tritanomaly

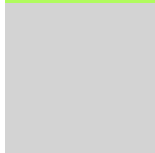
62.6543, 77.8433, 63.9476

Monochromacy



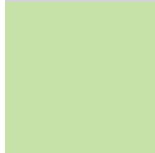
Original Color

54.4221, 79.0326, 22.9762



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

57.5529, 69.2256, 47.3743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4221, 79.0326, 22.9762 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(176, 251, 94)` looks like.

```
.text, #text, p{  
    color:rgb(176, 251, 94)  
}
```

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(176, 251, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 251, 94) }
```

Border

The CSS property to change the border of an element to XYZ 54.4221, 79.0326, 22.9762 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(176, 251, 94) }
```


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

```
.border{ border-color:rgb(176, 251, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 251, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 251, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 251, 94);  
box-shadow:4px 4px 4px 4px rgb(176, 251,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4221, 79.0326, 22.9762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 251, 94) }
```

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

```
.background{ background-color: rgb(176,  
251, 94) }
```

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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