

Converting Colors

XYZ(54.5056, 86.2270, 28.4755)

Have a look what the booklet for
XYZ(54.5056, 86.2270, 28.4755)
contains.

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Color

**XYZ(50.9689, 79.0354,
27.3209)**

Conversions

Conversions Part 1

Format	Color
Hex	95FF6E
RGB	149, 255, 110
RGB Percent	58%, 100%, 43%
CMY	0.4157, 0.0000, 0.5686
CMYK	0.42, 0.00, 0.57, 0.00
HSL	104°, 100%, 72%
HSV	104°, 57%, 100%
XYZ	50.9689, 79.0354, 27.3209
YIQ	206.7760, -16.6310, -67.5670

Conversions

Conversions Part 2

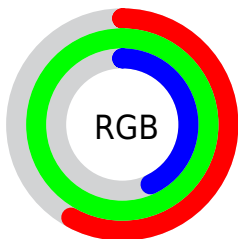
Format	Color
RYB	110, 255, 216
Decimal	9830254
CIELab	91.25, -56.07, 58.77
CIELCh	91, 81.224, 133.653
Yxy	79.0354, 0.3240, 0.5024
Android (android.graphics.Color)	4288020334 (0xFF95FF6E)
YUV	206.7760, -47.7106, -50.6696
Hunter-Lab	88.9019, -53.2413, 44.0106

Details

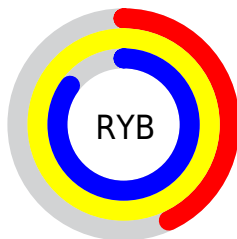
The XYZ color **50.9689, 79.0354, 27.3209** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **51.9465, 32.9724, 98.2342**, and the grayscale version is **59.4689, 62.5659, 68.1342**.

A 20% lighter version of the original color is **68.5640, 87.6465, 48.9011**, and **24.8723, 42.3820, 10.4841** is the 20% darker color. If you saturate the color by 10%, you get **46.6410, 76.9422, 20.8845**, and if you desaturate by 10%, it is **56.2411, 81.5691, 35.8885**.

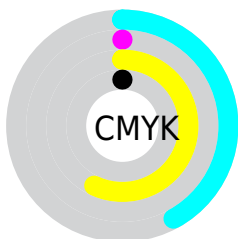
Distribution



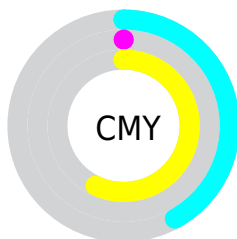
- Red (58%)
- Green (100%)
- Blue (43%)



- Red (43%)
- Yellow (100%)
- Blue (85%)



- Cyan (42%)
- Magenta (0%)
- Yellow (57%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9689, 79.0354, 27.3209 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 50.9689, 79.0354, 27.3209 by changing the saturation by 10% instead.


 50.9689, 79.0354,
27.3209


 50.9689, 79.0354,
27.3209


380.8326,
491.6761, 303.0167


 36.4048, 58.9249,
17.5798


 90.7921, 132.0087,
56.4084

 24.9185, 42.5527,
10.4824


 116.7818,
165.6403, 76.5918

 16.1448, 29.5343,
5.6102


 147.3109,
204.5477, 101.0931

 9.7182, 19.4854,
2.5446

182.7446,
249.1154, 130.3309

 5.2733, 12.0215,
0.8637

223.4482,
299.7276, 164.7236

 2.4449, 6.7583,
0.0000

269.7872,

 0.8676, 3.3114,

356.7689, 204.6897

0.0000

322.1269,
420.6236, 250.6479

0.0000, 1.2964,
0.0000

0.0000, 0.1384,
0.0000

50.9689, 79.0354,
27.3209

50.9689, 79.0354,
27.3209

46.6410, 76.9422,
20.8845

56.2411, 81.5691,
35.8885

43.1956, 75.2620,
16.3886


62.5121, 84.5681,
46.7487


40.5634, 73.9637,
13.6147

69.8330, 88.0552,
60.0517

38.6613, 73.0106,
12.2847

78.2509, 92.0520,
75.9337

 38.1846, 72.7699,
12.0335

 87.8098, 96.5783,
94.5210

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.



66.1566, 79.0354, 16.2037



50.9689, 79.0354, 27.3209



43.1712, 79.0354, 57.9226

Triad

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



50.9689, 79.0354, 27.3209



64.5184, 79.0354, 247.1819



120.5414, 79.0354, 61.9680

Complementary

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



50.9689, 79.0354, 27.3209



51.9465, 32.9724, 98.2342

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.



119.8823, 79.0354, 122.0812



50.9689, 79.0354, 27.3209



84.8602, 79.0354, 249.9803

Square

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



50.9689, 79.0354, 27.3209



49.9594, 79.0354, 190.4696



105.9028, 79.0354, 196.9435



107.5662, 79.0354, 29.1129

Rectangle

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



50.9689, 79.0354, 27.3209



42.1289, 79.0354, 93.4857



105.9028, 79.0354, 196.9435



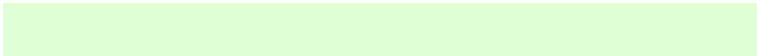
121.9703, 79.0354, 79.0309

Sweetspot

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



50.9691, 79.0354, 27.3221



78.1262, 91.9929, 75.6948



68.0805, 70.4375, 24.7606



16.3416, 19.5097, 15.4748



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.



50.9691, 79.0354, 27.3221



46.2053, 76.7306, 20.2783



47.0300, 76.7709, 37.7030



18.2298, 20.4044, 19.1220



20.0727, 38.0859, 6.2934



2.0531, 3.7592, 0.6174

Inverse Universe

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



51.9465, 32.9724, 98.2342



47.1524, 26.6573, 97.2679



60.2146, 37.7721, 74.3428



18.2881, 18.0403, 22.7682



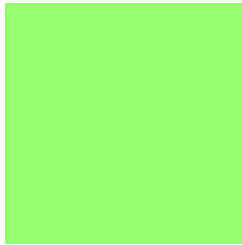
20.2155, 9.3319, 50.1704



2.0725, 0.9623, 4.8898

Previews

White Background



This preview shows how the XYZ color 50.9689, 79.0354, 27.3209 looks on a white background.

Color Contrast Check

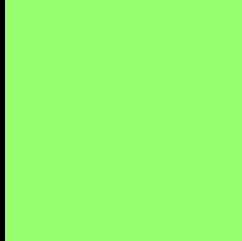
Large Text (above 18pt) WCAG AA × Fail

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 50.9689, 79.0354, 27.3209 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

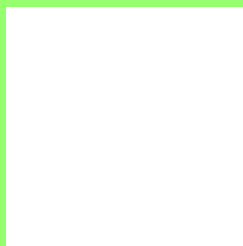
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.9689, 79.0354, 27.3209

Background



This preview shows how black text looks on a background with the XYZ color 50.9689, 79.0354, 27.3209.



This preview shows how white text looks on a background with the XYZ color 50.9689, 79.0354,

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

50.9689, 79.0354, 27.3209

Protanopia

71.2906, 78.0688, 23.8817

Deuteranopia

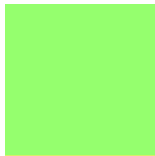
76.4906, 77.5805, 57.3974



Tritanopia

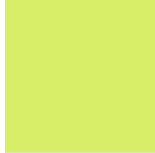
68.1530, 78.4364, 106.1554

Trichromacy



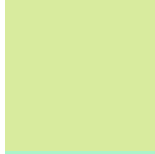
Original Color

50.9689, 79.0354, 27.3209



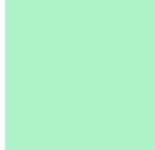
Protanomaly

61.4432, 76.7679, 24.9439



Deuteranomaly

64.1988, 76.4842, 43.7270



Tritanomaly

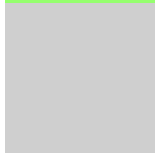
59.8059, 77.6236, 67.7079

Monochromacy



Original Color

50.9689, 79.0354, 27.3209



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

54.3517, 66.7290, 49.0451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9689, 79.0354, 27.3209 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(149, 255, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 110)  
}
```

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(149, 255, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 110) }
```

Border

The CSS property to change the border of an element to XYZ 50.9689, 79.0354, 27.3209 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(149, 255, 110) }
```


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

```
.border{ border-color:rgb(149, 255, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9689, 79.0354, 27.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 110) }
```

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

```
.background{ background-color: rgb(149,  
255, 110) }
```

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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