

Converting Colors

XYZ(55.3903, 81.2062, 32.4285)

Have a look what the booklet for
XYZ(55.3903, 81.2062, 32.4285)
contains.

XYZ(55.4622, 81.2418, 32.4967)	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(55.4622, 81.2418,
32.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	A7FF7E
RGB	167, 255, 126
RGB Percent	65%, 100%, 49%
CMY	0.3451, 0.0000, 0.5059
CMYK	0.35, 0.00, 0.51, 0.00
HSL	101°, 100%, 75%
HSV	101°, 51%, 100%
XYZ	55.4622, 81.2418, 32.4967
YIQ	213.9820, -11.0390, -58.7750

Conversions

Conversions Part 2

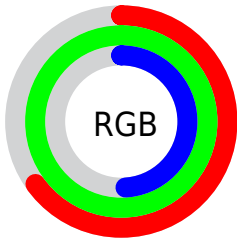
Format	Color
RYB	126, 255, 214
Decimal	11009918
CIELab	92.24, -48.73, 52.96
CIElCh	92, 71.969, 132.615
Yxy	81.2418, 0.3278, 0.4802
Android (android.graphics.Color)	4289199998 (0xFFA7FF7E)
YUV	213.9820, -43.3751, -41.2032
Hunter-Lab	90.1342, -47.8987, 41.7177

Details

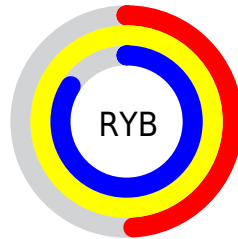
The XYZ color **55.4622, 81.2418, 32.4967** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **53.2438, 36.4392, 98.8350**, and the grayscale version is **64.1922, 67.5352, 73.5458**.

A 20% lighter version of the original color is **75.1518, 90.8637, 57.2936**, and **27.8271, 44.1842, 13.3651** is the 20% darker color. If you saturate the color by 10%, you get **50.5897, 78.8964, 24.7469**, and if you desaturate by 10%, it is **61.2491, 84.0101, 42.4804**.

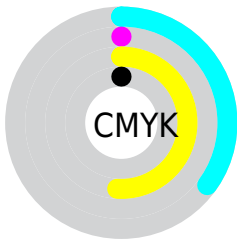
Distribution



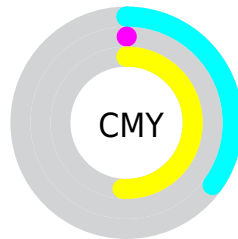
- Red (65%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (84%)



- Cyan (35%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (35%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4622, 81.2418, 32.4967 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 55.4622, 81.2418, 32.4967 by changing the saturation by 10% instead.


 55.4622, 81.2418,
32.4967

 55.4622, 81.2418,
32.4967


397.7696,
499.1080, 327.9379


 40.0072, 60.7408,
21.4732


 97.3622, 135.1102,
64.6959

 27.7284, 44.0160,
13.2757


 124.5379,
169.2464, 86.7087

 18.2604, 30.6831,
7.4857


 156.3512,
208.6965, 113.2216

 11.2379, 20.3576,
3.6847

193.1675,
253.8447, 144.6533

 6.2956, 12.6553,
1.4540

235.3522,
305.0756, 181.4222

 3.0680, 7.1916,
0.1833

283.2705,

 1.1898, 3.5822,

362.7735, 223.9469

0.0000

337.2878,
427.3228, 272.6460

0.0983, 1.4427,
0.0000

0.0000, 0.2479,
0.0000

55.4622, 81.2418,
32.4967

55.4622, 81.2418,
32.4967

50.5897, 78.8964,
24.7469

61.2491, 84.0101,
42.4804

46.5785, 76.9504,
19.0552

67.9970, 87.2220,
54.8485

43.3707, 75.3782,
15.2253

75.7503, 90.8973,
69.7427

40.8992, 74.1503,
13.0212

84.5502, 95.0545,
87.2924

■ 39.1570, 73.2712,
12.0790

94.4354, 99.7109,
107.6184

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.



69.6734, 81.2418, 21.4583



55.4622, 81.2418, 32.4967



47.8898, 81.2418, 61.2686

Triad

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



55.4622, 81.2418, 32.4967



67.0255, 81.2418, 226.4770



117.6023, 81.2418, 67.9368

Complementary

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



55.4622, 81.2418, 32.4967



53.2438, 36.4392, 98.8350

Split Complementary

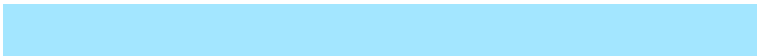
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.5864, 81.2418, 122.6952



55.4622, 81.2418, 32.4967



85.2883, 81.2418, 230.6274

Square

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



55.4622, 81.2418, 32.4967



53.7927, 81.2418, 177.4177



104.0275, 81.2418, 187.1689



106.6137, 81.2418, 35.6847

Rectangle

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



55.4622, 81.2418, 32.4967



46.7391, 81.2418, 93.2108



104.0275, 81.2418, 187.1689



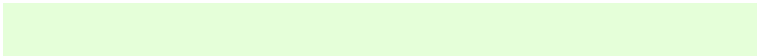
118.6984, 81.2418, 83.8705

Sweetspot

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



55.4625, 81.2420, 32.4979



80.5351, 93.1594, 79.2122



68.5499, 69.8540, 29.6100



16.8431, 19.7534, 16.1687



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

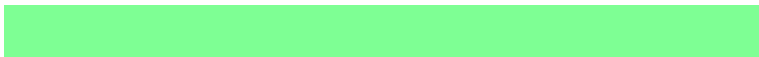
The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.4625, 81.2420, 32.4979



50.4073, 78.8083, 24.4723



49.6707, 78.0783, 40.2638



18.3149, 20.4482, 19.1259



20.5964, 38.3559, 6.3179



2.1132, 3.7901, 0.6202

Inverse Universe

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



53.2438, 36.4392, 98.8350



47.8874, 29.2887, 97.7371



63.4809, 42.0944, 82.2455



18.1983, 17.9940, 22.7640



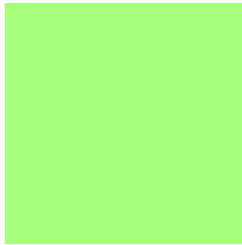
18.7094, 8.5556, 50.0999



1.9352, 0.8916, 4.8834

Previews

White Background



This preview shows how the XYZ color 55.4622, 81.2418, 32.4967 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 55.4622, 81.2418, 32.4967 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

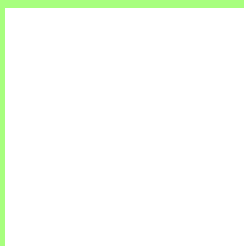
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4622, 81.2418, 32.4967

Background



This preview shows how black text looks on a background with the XYZ color 55.4622, 81.2418, 32.4967.



This preview shows how white text looks on a background with the XYZ color 55.4622, 81.2418,

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

55.4622, 81.2418, 32.4967

Protanopia

73.7347, 80.4285, 30.7068

Deuteranopia

78.6729, 80.1837, 63.5550



Tritanopia

71.9425, 80.8233, 106.4164

Trichromacy



Original Color

55.4622, 81.2418, 32.4967



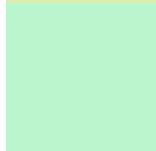
Protanomaly

65.2932, 79.4888, 31.3036



Deuteranomaly

68.0663, 79.1966, 50.2271



Tritanomaly

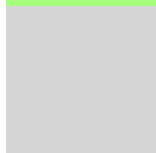
64.2873, 80.2980, 71.7853

Monochromacy



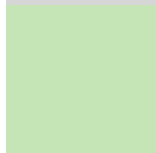
Original Color

55.4622, 81.2418, 32.4967



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.4888, 71.2863, 54.8802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4622, 81.2418, 32.4967 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(167, 255, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 255, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 255, 126) }
```

Border

The CSS property to change the border of an element to XYZ 55.4622, 81.2418, 32.4967 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(167, 255, 126) }
```


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

```
.border{ border-color:rgb(167, 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(167, 255, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 255, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 255, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 255,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4622, 81.2418, 32.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 255, 126) }
```

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

```
.background{ background-color: rgb(167,  
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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