

Converting Colors

XYZ(62.7849, 95.0038, 44.6280)

Have a look what the booklet for
XYZ(62.7849, 95.0038, 44.6280)
contains.

XYZ(55.9247, 81.2606, 42.4431)	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(55.9247, 81.2606,
42.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	A0FF98
RGB	160, 255, 152
RGB Percent	63%, 100%, 60%
CMY	0.3725, 0.0000, 0.4039
CMYK	0.37, 0.00, 0.40, 0.00
HSL	115°, 100%, 80%
HSV	115°, 40%, 100%
XYZ	55.9247, 81.2606, 42.4431
YIQ	214.8530, -23.5570, -52.1730

Conversions

Conversions Part 2

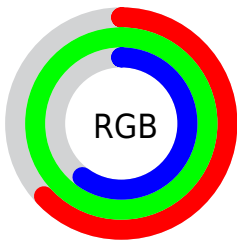
Format	Color
RYB	152, 255, 247
Decimal	10551192
CIELab	92.25, -47.61, 40.54
CIElCh	92, 62.525, 139.586
Yxy	81.2606, 0.3113, 0.4524
Android (android.graphics.Color)	4288741272 (0xFFA0FF98)
YUV	214.8530, -30.9865, -48.1061
Hunter-Lab	90.1447, -47.0138, 35.1856

Details

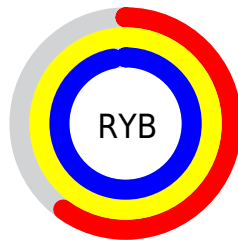
The XYZ color **55.9247, 81.2606, 42.4431** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **67.6372, 49.4520, 100.5881**, and the grayscale version is **64.7060, 68.0758, 74.1345**.

A 20% lighter version of the original color is **75.9359, 90.9304, 72.5806**, and **28.0397, 44.1726, 18.8527** is the 20% darker color. If you saturate the color by 10%, you get **49.7901, 78.3140, 32.4011**, and if you desaturate by 10%, it is **63.3986, 84.8457, 54.8937**.

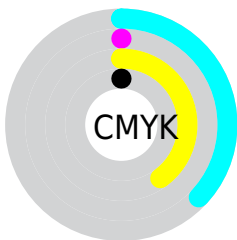
Distribution



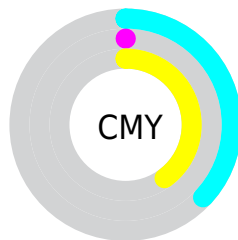
- Red (63%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (97%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9247, 81.2606, 42.4431 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 55.9247, 81.2606, 42.4431 by changing the saturation by 10% instead.


 55.9247, 81.2606,
42.4431


 55.9247, 81.2606,
42.4431


399.4873,
499.1711, 372.1702

 40.3793, 60.7563,
29.1202


 98.0349, 135.1366,
80.1471

 28.0199, 44.0285,
18.9254


 125.3305,
169.2771, 105.3654

 18.4812, 30.6929,
11.4402

157.2735,
208.7317, 135.3858

 11.3978, 20.3651,
6.2458

194.2292,
253.8849, 170.6270

 6.4043, 12.6607,
2.9239

236.5631,
305.1210, 211.5075

 3.1354, 7.1953,
1.0559

284.6405,

 1.2258, 3.5846,

362.8245, 258.4459

0.0000

338.8268,
427.3797, 311.8606

■ 0.1266, 1.4440,
0.0000

■ 0.0000, 0.2488,
0.0000

■ 55.9247, 81.2606,
42.4431

■ 55.9247, 81.2606,
42.4431

■ 49.7901, 78.3140,
32.4011

■ 63.3986, 84.8457,
54.8937

■ 44.9141, 75.9678,
24.6087

■ 72.2833, 89.1032,
69.8906

■ 41.2096, 74.1807,
18.8936

■ 82.6468, 94.0653,
87.5658

■ 38.5773, 72.9058,
15.0569

■ 94.5523, 99.7619,
108.0409

■ 36.9015, 72.0888, 95.0500, 100.0000,
12.8615 108.9000

■ 36.0445, 71.6666,
11.9333

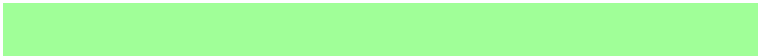
Harmonies

Analogous

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



67.2875, 81.2606, 28.3603



55.9247, 81.2606, 42.4431



50.5451, 81.2606, 73.3590

Triad

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



55.9247, 81.2606, 42.4431



71.7582, 81.2606, 207.9230



110.3381, 81.2606, 61.8913

Complementary

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



55.9247, 81.2606, 42.4431



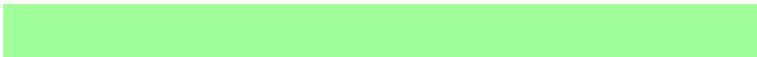
67.6372, 49.4520, 100.5881

Split Complementary

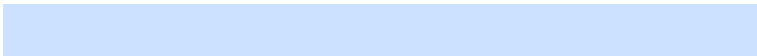
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



111.9764, 81.2606, 105.5456



55.9247, 81.2606, 42.4431



88.1192, 81.2606, 201.4848

Square

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



55.9247, 81.2606, 42.4431



58.8040, 81.2606, 174.9241



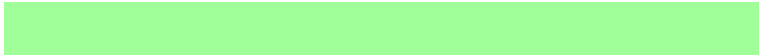
103.3710, 81.2606, 159.5573



99.1651, 81.2606, 36.5744

Rectangle

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



55.9247, 81.2606, 42.4431



50.4865, 81.2606, 104.1296



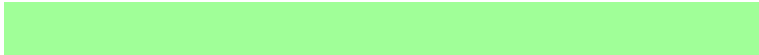
103.3710, 81.2606, 159.5573



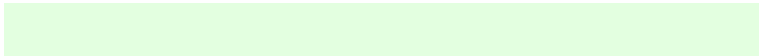
112.0761, 81.2606, 74.4808

Sweetspot

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



55.9251, 81.2608, 42.4444



80.8769, 93.2181, 84.5360



79.9905, 89.6925, 42.8035



17.0096, 19.8083, 17.5790



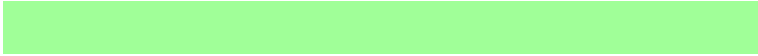
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.9251, 81.2608, 42.4444



51.1393, 78.9625, 34.5916



58.5505, 82.1321, 64.3485



17.9022, 20.2355, 19.1066



18.8800, 37.4711, 6.2376



1.8813, 3.6706, 0.6093

Inverse Universe

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



67.6372, 49.4520, 100.5881



64.2121, 43.3874, 99.5980



64.3630, 48.4752, 68.3076



18.6453, 18.2244, 22.7849



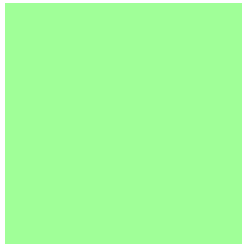
27.4264, 13.0493, 50.5078



2.7101, 1.2910, 4.9196

Previews

White Background



This preview shows how the XYZ color 55.9247, 81.2606, 42.4431 looks on a white background.

Color Contrast Check

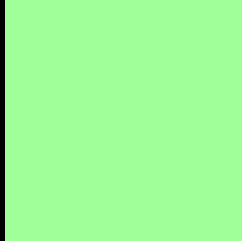
Large Text (above 18pt) WCAG AA × Fail

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 55.9247, 81.2606, 42.4431 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

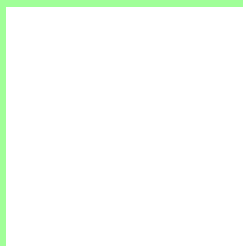
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9247, 81.2606, 42.4431

Background



This preview shows how black text looks on a background with the XYZ color 55.9247, 81.2606, 42.4431.

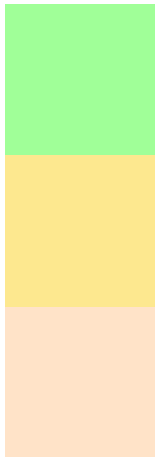


This preview shows how white text looks on a background with the XYZ color 55.9247, 81.2606,

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

55.9247, 81.2606, 42.4431

Protanopia

74.3226, 80.5790, 37.6227

Deuteranopia

79.1344, 80.3683, 65.9854



Tritanopia

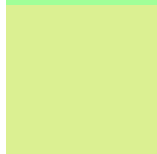
71.4582, 81.0095, 106.4779

Trichromacy



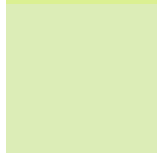
Original Color

55.9247, 81.2606, 42.4431



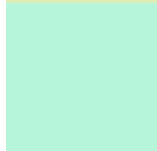
Protanomaly

65.5618, 79.4556, 39.0751



Deuteranomaly

68.3466, 79.2029, 56.4852



Tritanomaly

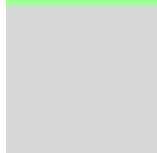
64.5987, 80.3119, 78.4267

Monochromacy



Original Color

55.9247, 81.2606, 42.4431



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.3169, 72.0015, 60.5878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9247, 81.2606, 42.4431 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(160, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(160, 255, 152)  
}
```

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(160, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 255, 152) }
```

Border

The CSS property to change the border of an element to XYZ 55.9247, 81.2606, 42.4431 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(160, 255, 152) }
```


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

```
.border{ border-color:rgb(160, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(160, 255,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9247, 81.2606, 42.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 255, 152) }
```

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

```
.background{ background-color: rgb(160,  
255, 152) }
```

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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