

Converting Colors

XYZ(55.9186, 81.0461, 51.9933)

Have a look what the booklet for
XYZ(55.9186, 81.0461, 51.9933)
contains.

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Color

**XYZ(55.8805, 81.0212,
52.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	96FFAD
RGB	150, 255, 173
RGB Percent	59%, 100%, 68%
CMY	0.4118, 0.0000, 0.3216
CMYK	0.41, 0.00, 0.32, 0.00
HSL	133°, 100%, 79%
HSV	133°, 41%, 100%
XYZ	55.8805, 81.0212, 52.2286
YIQ	214.2570, -36.2580, -47.7620

Conversions

Conversions Part 2

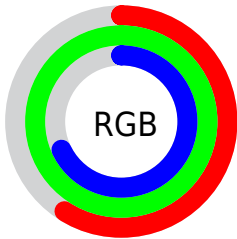
Format	Color
RYB	150, 236, 255
Decimal	9895853
CIELab	92.14, -47.26, 29.89
CIELCh	92, 55.917, 147.686
Yxy	81.0212, 0.2955, 0.4284
Android (android.graphics.Color)	4288085933 (0xFF96FFAD)
YUV	214.2570, -20.3397, -56.3534
Hunter-Lab	90.0118, -46.7055, 28.6057

Details

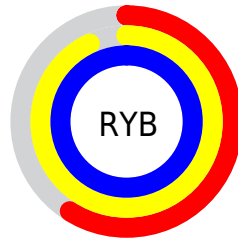
The XYZ color **55.8805, 81.0212, 52.2286** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **66.7119, 48.8993, 82.2656**, and the grayscale version is **64.2396, 67.5850, 73.6001**.

A 20% lighter version of the original color is **75.9153, 90.5870, 87.6126**, and **28.0984, 44.0714, 24.7950** is the 20% darker color. If you saturate the color by 10%, you get **49.9019, 78.1454, 42.6288**, and if you desaturate by 10%, it is **63.1683, 84.5386, 63.3915**.

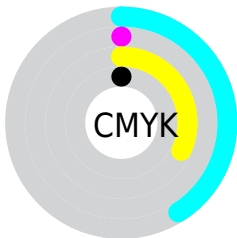
Distribution



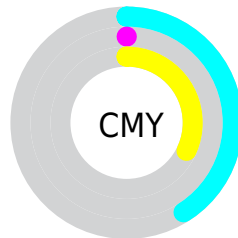
- Red (59%)
- Green (100%)
- Blue (68%)



- Red (59%)
- Yellow (93%)
- Blue (100%)



- Cyan (41%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)





- Cyan (41%)
- Magenta (0%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8805, 81.0212, 52.2286 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 55.8805, 81.0212, 52.2286 by changing the saturation by 10% instead.


 55.8805, 81.0212,
52.2286


 55.8805, 81.0212,
52.2286


399.3233,
498.3677, 412.3005

 40.3437, 60.5591,
36.8038


 97.9707, 134.8005,
94.8983

 27.9921, 43.8694,
24.7610


 125.2548,
168.8865, 122.9803

 18.4601, 30.5679,
15.6817


157.1854,
208.2826, 156.1185

 11.3825, 20.2700,
9.1473

194.1278,
253.3731, 194.7313

 6.3939, 12.5915,
4.7393

236.4475,
304.5425, 239.2374

 3.1290, 7.1478,
2.0391

284.5097,

 1.2223, 3.5547,

362.1751, 290.0553

0.5791

338.6799,
426.6554, 347.6035

■ 0.1239, 1.4277,
0.0000

■ 0.0000, 0.2370,
0.0000

■ 55.8805, 81.0212,
52.2286

■ 55.8805, 81.0212,
52.2286

■ 49.9019, 78.1454,
42.6288

■ 63.1683, 84.5386,
63.3915

■ 45.1515, 75.8710,
34.5184

■ 71.8365, 88.7332,
76.1790

■ 41.5411, 74.1543,
27.8236

■ 81.9530, 93.6385,
90.6541

■ 38.9702, 72.9449,
22.4625

■ 93.5806, 99.2858,
106.8752

■ 37.3190, 72.1831,
18.3446

95.0500, 100.0000,
108.9000

■ 36.4704, 71.8042,
15.6609

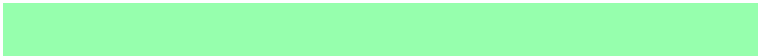
Harmonies

Analogous

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



64.8358, 81.0212, 34.9476



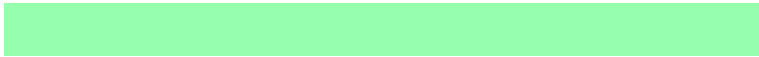
55.8805, 81.0212, 52.2286



52.5034, 81.0212, 85.0527

Triad

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



55.8805, 81.0212, 52.2286



75.8948, 81.0212, 193.6632



104.2483, 81.0212, 56.2402

Complementary

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



55.8805, 81.0212, 52.2286



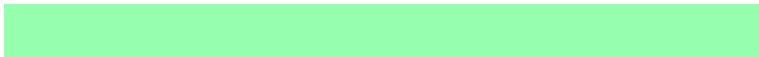
66.7119, 48.8993, 82.2656

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.



108.1515, 81.0212, 91.4615



55.8805, 81.0212, 52.2286



90.6161, 81.0212, 178.8188

Square

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



55.8805, 81.0212, 52.2286



63.1233, 81.0212, 173.7356



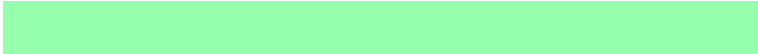
102.8852, 81.0212, 137.8117



92.7932, 81.0212, 36.7046

Rectangle

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



55.8805, 81.0212, 52.2286



53.5069, 81.0212, 114.5954



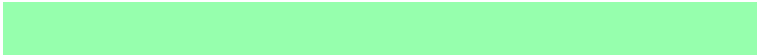
102.8852, 81.0212, 137.8117



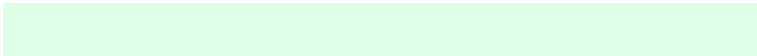
106.5451, 81.0212, 66.2353

Sweetspot

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



55.8810, 81.0214, 52.2299



81.0630, 93.2066, 89.3960



74.6252, 90.9198, 42.4709



17.0533, 19.8057, 18.7127



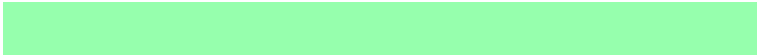
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



55.8810, 81.0214, 52.2299



51.0955, 78.7185, 44.5885



61.9627, 83.4541, 84.2559



17.9344, 20.2333, 19.9577



19.1014, 37.5372, 8.4193



1.8984, 3.6703, 1.0226

Inverse Universe

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



66.7119, 48.8993, 82.2656



63.1813, 42.8194, 78.0635



60.3595, 46.3583, 48.8139



18.6123, 18.2282, 21.8415



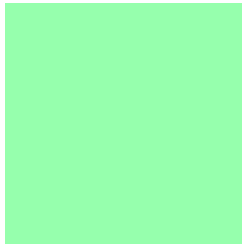
27.0020, 13.2901, 29.7245



2.6692, 1.3101, 3.1055

Previews

White Background



This preview shows how the XYZ color 55.8805, 81.0212, 52.2286 looks on a white background.

Color Contrast Check

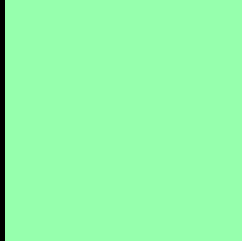
Large Text (above 18pt) WCAG AA × Fail

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 55.8805, 81.0212, 52.2286 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 55.8805, 81.0212, 52.2286

Background



This preview shows how black text looks on a background with the XYZ color 55.8805, 81.0212, 52.2286.

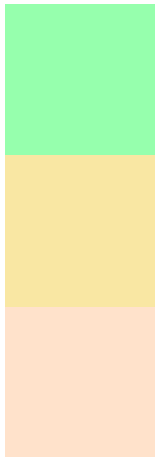


This preview shows how white text looks on a background with the XYZ color 55.8805, 81.0212,

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

55.8805, 81.0212, 52.2286

Protanopia

74.2537, 79.9359, 46.1659

Deuteranopia

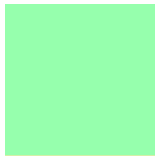
79.2158, 79.9645, 67.7595



Tritanopia

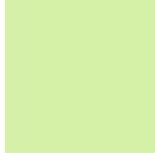
70.1964, 80.3590, 106.4188

Trichromacy



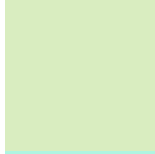
Original Color

55.8805, 81.0212, 52.2286



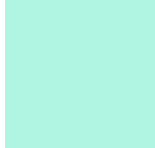
Protanomaly

65.5757, 79.2563, 48.4010



Deuteranomaly

68.4139, 79.1259, 61.5362



Tritanomaly

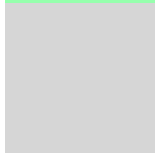
63.9222, 79.8550, 83.2787

Monochromacy



Original Color

55.8805, 81.0212, 52.2286



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

59.8140, 71.2385, 64.6307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8805, 81.0212, 52.2286 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(150, 255, 173)` looks like.

```
.text, #text, p{  
    color:rgb(150, 255, 173)  
}
```

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(150, 255, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 255, 173) }
```

Border

The CSS property to change the border of an element to XYZ 55.8805, 81.0212, 52.2286 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(150, 255, 173) }
```


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

```
.border{ border-color:rgb(150, 255, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 255, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 255, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 255, 173);  
box-shadow:4px 4px 4px 4px rgb(150, 255,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8805, 81.0212, 52.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 255, 173) }
```

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

```
.background{ background-color: rgb(150,  
255, 173) }
```

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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