

Converting Colors

XYZ(55.6704, 81.4866, 26.2946)

Have a look what the booklet for
XYZ(55.6704, 81.4866, 26.2946)
contains.

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Color

**XYZ(55.5951, 81.4448,
26.4259)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFF6A
RGB	173, 255, 106
RGB Percent	68%, 100%, 42%
CMY	0.3216, 0.0000, 0.5843
CMYK	0.32, 0.00, 0.58, 0.00
HSL	93°, 100%, 71%
HSV	93°, 58%, 100%
XYZ	55.5951, 81.4448, 26.4259
YIQ	213.4960, -1.0430, -63.7230

Conversions

Conversions Part 2

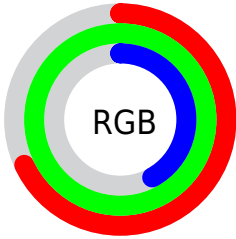
Format	Color
RYB	106, 255, 188
Decimal	11403114
CIELab	92.33, -48.78, 62.02
CIElCh	92, 78.907, 128.187
Yxy	81.4448, 0.3401, 0.4982
Android (android.graphics.Color)	4289593194 (0xFFADFF6A)
YUV	213.4960, -52.9955, -35.5150
Hunter-Lab	90.2468, -47.9697, 45.8115

Details

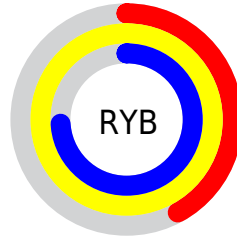
The XYZ color **55.5951, 81.4448, 26.4259** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **43.9445, 28.2208, 97.7388**, and the grayscale version is **63.9228, 67.2518, 73.2372**.

A 20% lighter version of the original color is **75.5603, 91.2844, 47.8196**, and **27.8187, 44.2548, 9.9816** is the 20% darker color. If you saturate the color by 10%, you get **51.5180, 79.4741, 20.3122**, and if you desaturate by 10%, it is **60.3929, 83.7415, 34.6331**.

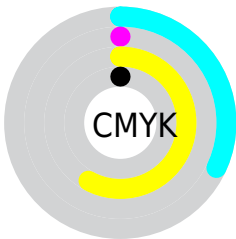
Distribution



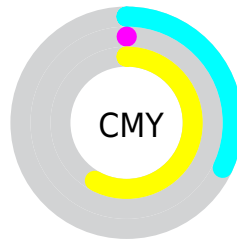
- Red (68%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (74%)



- Cyan (32%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5951, 81.4448, 26.4259 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 55.5951, 81.4448, 26.4259 by changing the saturation by 10% instead.


 55.5951, 81.4448,
26.4259


 55.5951, 81.4448,
26.4259


398.2636,
499.7887, 298.5383


 40.1141, 60.9080,
16.9139


 97.5556, 135.3951,
54.9537


 27.8121, 44.1509,
10.0118


 124.7658,
169.5775, 74.8066

 18.3238, 30.7892,
5.3011


 156.6164,
209.0771, 98.9436

 11.2838, 20.4384,
2.3632

 193.4728,
254.2785, 127.7832

 6.3268, 12.7141,
0.7663

235.7004,
305.5659, 161.7439

 3.0873, 7.2320,
0.0000

283.6645,

 1.2001, 3.6076,

363.3238, 201.2443

0.0000

337.7304,
427.9366, 246.7029

0.1065, 1.4566,
0.0000

0.0000, 0.2579,
0.0000

55.5951, 81.4448,
26.4259

55.5951, 81.4448,
26.4259

51.5180, 79.4741,
20.3122

60.3929, 83.7415,
34.6331

48.1148, 77.8095,
16.0978

65.9519, 86.3814,
45.0975

45.3324, 76.4284,
13.5583

72.3100, 89.3808,
57.9708

43.0998, 75.3013,
12.3780

79.5022, 92.7547,
73.3905

■ 42.7857, 75.1419,
12.2488

■ 87.5609, 96.5170,
91.4837

95.0500, 100.0000,
108.9000

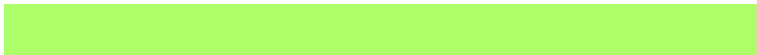
Harmonies

Analogous

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



71.9557, 81.4448, 17.4670



55.5951, 81.4448, 26.4259



46.3933, 81.4448, 53.1292

Triad

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



55.5951, 81.4448, 26.4259



63.7248, 81.4448, 239.3045



123.1154, 81.4448, 73.6179

Complementary

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



55.5951, 81.4448, 26.4259



43.9445, 28.2208, 97.7388

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.



119.8609, 81.4448, 137.3422



55.5951, 81.4448, 26.4259



83.1349, 81.4448, 252.9333

Square

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



55.5951, 81.4448, 26.4259



50.4803, 81.4448, 177.8933



104.2961, 81.4448, 209.6032



112.5358, 81.4448, 35.7628

Rectangle

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



55.5951, 81.4448, 26.4259



44.4380, 81.4448, 85.1708



104.2961, 81.4448, 209.6032



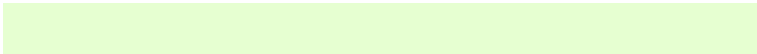
123.6343, 81.4448, 92.2834

Sweetspot

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



55.5954, 81.4449, 26.4271



79.8304, 92.9082, 74.1121



61.8147, 58.2466, 21.6216



16.6179, 19.6666, 14.8377



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.



55.5954, 81.4449, 26.4271



50.9403, 79.1930, 19.5299



44.7106, 75.7869, 28.0290



18.5471, 20.5680, 19.1368



22.5227, 39.3490, 6.4080



2.3166, 3.8950, 0.6297

Inverse Universe

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



43.9445, 28.2208, 97.7388



38.2894, 21.5417, 96.7476



63.2680, 38.3184, 92.5031



17.9588, 17.8705, 22.7528



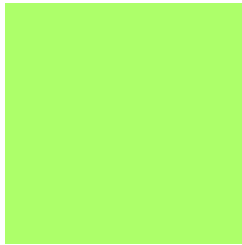
15.2872, 6.7913, 49.9397



1.6143, 0.7261, 4.8683

Previews

White Background



This preview shows how the XYZ color 55.5951, 81.4448, 26.4259 looks on a white background.

Color Contrast Check

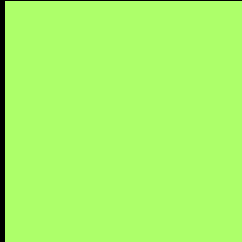
Large Text (above 18pt) WCAG AA × Fail

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 55.5951, 81.4448, 26.4259 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

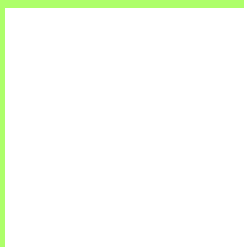
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5951, 81.4448, 26.4259

Background



This preview shows how black text looks on a background with the XYZ color 55.5951, 81.4448, 26.4259.



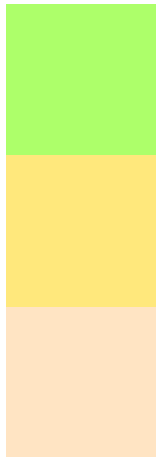
This preview shows how white text looks on a background with the XYZ color 55.5951, 81.4448,

26.4259.

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

55.5951, 81.4448, 26.4259

Protanopia

73.7347, 80.4285, 30.7068

Deuteranopia

78.8337, 80.6869, 63.0489



Tritanopia

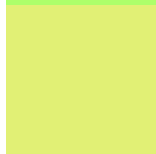
72.7119, 80.7866, 106.3688

Trichromacy



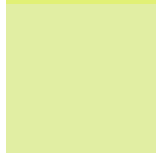
Original Color

55.5951, 81.4448, 26.4259



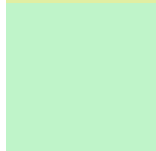
Protanomaly

65.4223, 79.6121, 28.7482



Deuteranomaly

68.2367, 79.8010, 46.4570



Tritanomaly

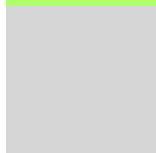
64.3792, 79.9948, 67.3057

Monochromacy



Original Color

55.5951, 81.4448, 26.4259



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

58.6721, 70.5486, 50.5693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5951, 81.4448, 26.4259 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(173, 255, 106)` looks like.

```
.text, #text, p{  
    color:rgb(173, 255, 106)  
}
```

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(173, 255, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 255, 106) }
```

Border

The CSS property to change the border of an element to XYZ 55.5951, 81.4448, 26.4259 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(173, 255, 106) }
```


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

```
.border{ border-color:rgb(173, 255, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 255, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 255, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 255, 106);  
box-shadow:4px 4px 4px 4px rgb(173, 255,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5951, 81.4448, 26.4259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 255, 106) }
```

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

```
.background{ background-color: rgb(173,  
255, 106) }
```

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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