

Converting Colors

XYZ(56.4390, 81.3531, 50.2642)

Have a look what the booklet for
XYZ(56.4390, 81.3531, 50.2642)
contains.

XYZ(56.4390, 81.3531, 50.2642)	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(56.4390, 81.3531,
50.2642)**

Conversions

Conversions Part 1

Format	Color
Hex	9BFFA9
RGB	155, 255, 169
RGB Percent	61%, 100%, 66%
CMY	0.3922, 0.0000, 0.3372
CMYK	0.39, 0.00, 0.34, 0.00
HSL	128°, 100%, 80%
HSV	128°, 39%, 100%
XYZ	56.4390, 81.3531, 50.2642
YIQ	215.2960, -31.9940, -47.9460

Conversions

Conversions Part 2

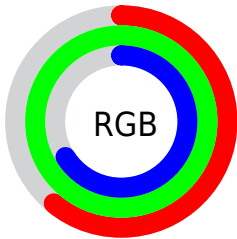
Format	Color
RYB	155, 243, 255
Decimal	10223529
CIELab	92.29, -46.50, 32.13
CIELCh	92, 56.524, 145.356
Yxy	81.3531, 0.3001, 0.4326
Android (android.graphics.Color)	4288413609 (0xFF9BFFA9)
YUV	215.2960, -22.8239, -52.8796
Hunter-Lab	90.1960, -46.1488, 30.0962

Details

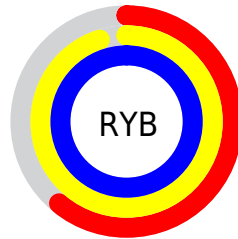
The XYZ color **56.4390, 81.3531, 50.2642** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68.8386, 51.0540, 89.4444**, and the grayscale version is **64.9571, 68.3399, 74.4222**.

A 20% lighter version of the original color is **76.7912, 91.1024, 84.7714**, and **28.3835, 44.2458, 23.5673** is the 20% darker color. If you saturate the color by 10%, you get **50.1618, 78.3354, 40.1102**, and if you desaturate by 10%, it is **64.0959, 85.0422, 62.2877**.

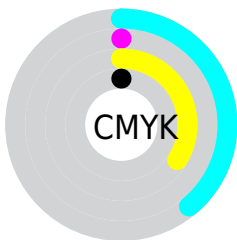
Distribution



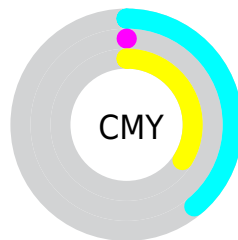
- Red (61%)
- Green (100%)
- Blue (66%)



- Red (61%)
- Yellow (95%)
- Blue (100%)



- Cyan (39%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (39%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.4390, 81.3531, 50.2642 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 56.4390, 81.3531, 50.2642 by changing the saturation by 10% instead.


 56.4390, 81.3531,
50.2642


 56.4390, 81.3531,
50.2642


401.3921,
499.4813, 404.4629

 40.7934, 60.8325,
35.2507


 98.7822, 135.2665,
91.9665

 28.3446, 44.0900,
23.5710


 126.2106,
169.4280, 119.4925

 18.7274, 30.7412,
14.8064


158.2972,
208.9052, 152.0263

 11.5763, 20.4019,
8.5385

195.4075,
254.0826, 189.9866

 6.5260, 12.6875,
4.3488

237.9067,
305.3445, 233.7918

 3.2112, 7.2137,
1.8186


286.1604,


 1.2664, 3.5961,


363.0753, 283.8606


0.4402


340.5337,
427.6594, 340.6114


 0.1578, 1.4503,
0.0000


 0.0000, 0.2534,
0.0000


 56.4390, 81.3531,
50.2642


 56.4390, 81.3531,
50.2642


 50.1618, 78.3354,
40.1102


 64.0959, 85.0422,
62.2877

 45.1799, 75.9475,
31.7282

 73.2067, 89.4391,
76.2640

 41.4021, 74.1445,
25.0175

 83.8424, 94.5786,
92.2760

 38.7242, 72.8753,
19.8659

95.0500, 100.0000,
108.9000

■ 37.0240, 72.0794,
16.1474

■ 36.1257, 71.6692,
13.7149

■ 36.0739, 71.6456,
13.5731

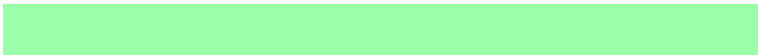
Harmonies

Analogous

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



65.9070, 81.3531, 33.9542



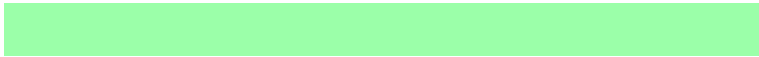
56.4390, 81.3531, 50.2642



52.5681, 81.3531, 82.2238

Triad

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



56.4390, 81.3531, 50.2642



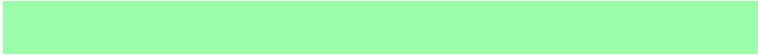
75.0713, 81.3531, 195.3977



105.5883, 81.3531, 58.4011

Complementary

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



56.4390, 81.3531, 50.2642



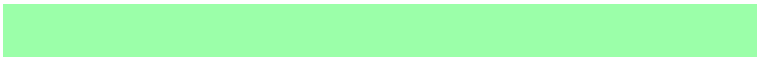
68.8386, 51.0540, 89.4444

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.



108.8383, 81.3531, 95.2549



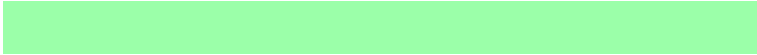
56.4390, 81.3531, 50.2642



89.9880, 81.3531, 182.9849

Square

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



56.4390, 81.3531, 50.2642



62.4284, 81.3531, 172.6207



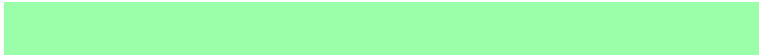
102.8133, 81.3531, 142.6378



94.4177, 81.3531, 37.5090

Rectangle

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



56.4390, 81.3531, 50.2642



53.2753, 81.3531, 111.6376



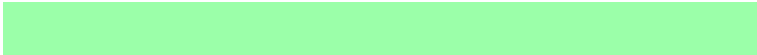
102.8133, 81.3531, 142.6378



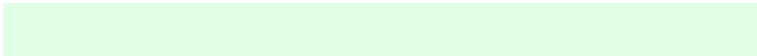
107.6986, 81.3531, 68.9377

Sweetspot

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



56.4395, 81.3534, 50.2655



80.7234, 93.0708, 87.6078



78.1802, 92.7050, 44.7843



16.9740, 19.7740, 18.2950



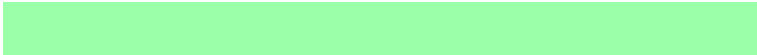
0.0000, 0.0000, 0.0000



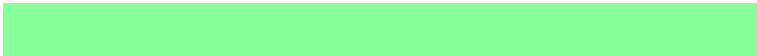
20.3446, 21.4041, 23.3091

Same Dimension

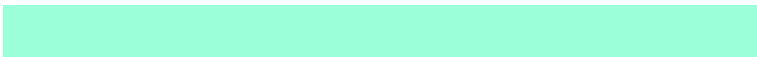
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.4395, 81.3534, 50.2655



51.4376, 78.9481, 42.2034



61.9765, 83.5682, 79.4227



17.8751, 20.2096, 19.6454



18.8806, 37.4488, 7.2567



1.8682, 3.6582, 0.8640

Inverse Universe

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



68.8386, 51.0540, 89.4444



65.3898, 44.8158, 86.2619



62.4392, 48.4942, 55.7457



18.6768, 18.2540, 22.1813



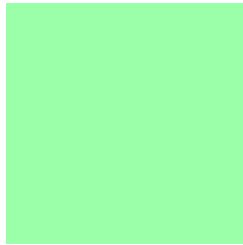
28.2924, 13.8062, 36.5198



2.7835, 1.3558, 3.7074

Previews

White Background



This preview shows how the XYZ color 56.4390, 81.3531, 50.2642 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 56.4390, 81.3531, 50.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

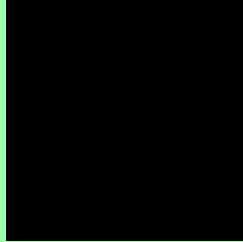
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4390, 81.3531, 50.2642

Background



This preview shows how black text looks on a background with the XYZ color 56.4390, 81.3531, 50.2642.



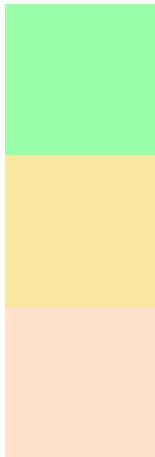
This preview shows how white text looks on a background with the XYZ color 56.4390, 81.3531,

50.2642.

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

56.4390, 81.3531, 50.2642

Protanopia

74.2583, 79.9790, 44.3246

Deuteranopia

79.2158, 79.9645, 67.7595



Tritanopia

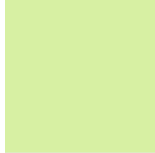
70.9483, 80.7466, 106.4540

Trichromacy



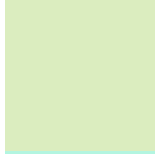
Original Color

56.4390, 81.3531, 50.2642



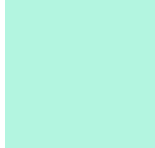
Protanomaly

65.7953, 79.4116, 46.5105



Deuteranomaly

68.9016, 79.3900, 60.9825



Tritanomaly

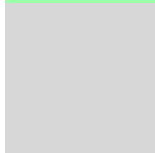
64.6974, 80.2703, 82.6048

Monochromacy



Original Color

56.4390, 81.3531, 50.2642



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.4822, 72.0083, 64.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4390, 81.3531, 50.2642 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(155, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(155, 255, 169)  
}
```

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(155, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 255, 169) }
```

Border

The CSS property to change the border of an element to XYZ 56.4390, 81.3531, 50.2642 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(155, 255, 169) }
```


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

```
.border{ border-color:rgb(155, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(155, 255,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4390, 81.3531, 50.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 255, 169) }
```

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

```
.background{ background-color: rgb(155,  
255, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor