

Converting Colors

XYZ(56.1361, 81.3900, 41.5311)

Have a look what the booklet for
XYZ(56.1361, 81.3900, 41.5311)
contains.

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Color

**XYZ(56.1653, 81.4034,
41.6064)**

Conversions

Conversions Part 1

Format	Color
Hex	A2FF96
RGB	162, 255, 150
RGB Percent	64%, 100%, 59%
CMY	0.3647, 0.0000, 0.4118
CMYK	0.36, 0.00, 0.41, 0.00
HSL	113°, 100%, 79%
HSV	113°, 41%, 100%
XYZ	56.1653, 81.4034, 41.6064
YIQ	215.2230, -21.7230, -52.3710

Conversions

Conversions Part 2

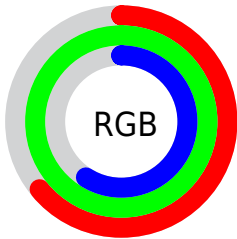
Format	Color
RYB	150, 255, 243
Decimal	10682262
CIELab	92.31, -47.28, 41.61
CIElCh	92, 62.982, 138.648
Yxy	81.4034, 0.3135, 0.4543
Android (android.graphics.Color)	4288872342 (0xFFA2FF96)
YUV	215.2230, -32.1549, -46.6766
Hunter-Lab	90.2238, -46.7735, 35.8153

Details

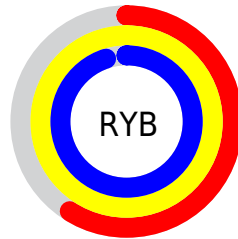
The XYZ color **56.1653, 81.4034, 41.6064** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65.9198, 48.0888, 100.4154**, and the grayscale version is **64.9638, 68.3469, 74.4298**.

A 20% lighter version of the original color is **76.2946, 91.1434, 71.3289**, and **28.2956, 44.3154, 18.3717** is the 20% darker color. If you saturate the color by 10%, you get **50.1468, 78.5127, 31.7475**, and if you desaturate by 10%, it is **63.4554, 84.8979, 53.8594**.

Distribution



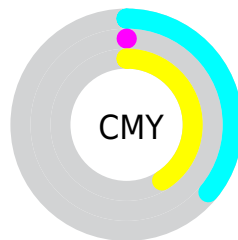
- Red (64%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (36%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1653, 81.4034, 41.6064 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 56.1653, 81.4034, 41.6064 by changing the saturation by 10% instead.


 56.1653, 81.4034,
41.6064


 56.1653, 81.4034,
41.6064


400.3791,
499.6499, 368.6001

 40.5730, 60.8739,
28.4700


 98.3846, 135.3370,
78.8672

 28.1718, 44.1234,
18.4381


 125.7424,
169.5100, 103.8287

 18.5963, 30.7675,
11.0923


157.7526,
208.9995, 133.5689

 11.4812, 20.4219,
6.0140

194.7807,
254.1900, 168.5064

 6.4612, 12.7021,
2.7847

237.1921,
305.4659, 209.0597

 3.1708, 7.2237,
0.9858

285.3520,

 1.2447, 3.6024,

363.2116, 255.6474

0.0000

339.6259,
427.8115, 308.6881

0.1412, 1.4537,
0.0000

0.0000, 0.2558,
0.0000

56.1653, 81.4034,
41.6064

56.1653, 81.4034,
41.6064

50.1468, 78.5127,
31.7475

63.4554, 84.8979,
53.8594

45.3253, 76.1909,
24.1226

72.0835, 89.0275,
68.6450

41.6203, 74.4002,
18.5582

82.1125, 93.8218,
86.0956

38.9405, 73.0980,
14.8536

93.6013, 99.3085,
106.3331

■ 37.1797, 72.2346,
12.7678

95.0500, 100.0000,
108.9000

■ 36.2706, 71.7832,
11.9439

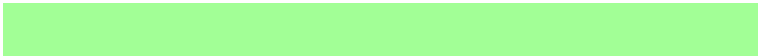
Harmonies

Analogous

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



67.7843, 81.4034, 27.9237



56.1653, 81.4034, 41.6064



50.5520, 81.4034, 72.1287

Triad

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



56.1653, 81.4034, 41.6064



71.3703, 81.4034, 208.8396



110.9953, 81.4034, 62.9396

Complementary

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



56.1653, 81.4034, 41.6064



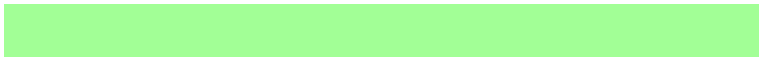
65.9198, 48.0888, 100.4154

Split Complementary

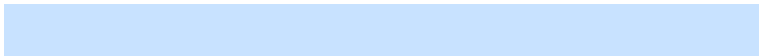
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



112.3125, 81.4034, 107.4838



56.1653, 81.4034, 41.6064



87.8226, 81.4034, 203.6524

Square

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



56.1653, 81.4034, 41.6064



58.4723, 81.4034, 174.4371



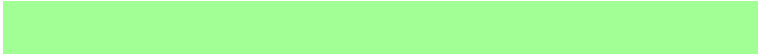
103.3387, 81.4034, 162.0671



99.9585, 81.4034, 36.9196

Rectangle

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



56.1653, 81.4034, 41.6064



50.3591, 81.4034, 102.8153



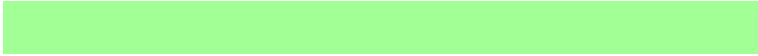
103.3387, 81.4034, 162.0671



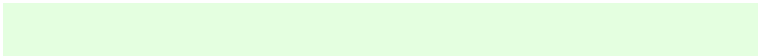
112.6417, 81.4034, 75.8214

Sweetspot

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



56.1657, 81.4036, 41.6077



81.2310, 93.4006, 84.5526



78.7212, 87.4140, 41.5790



17.0922, 19.8508, 17.5829



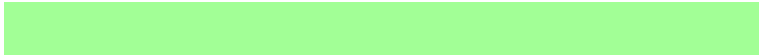
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

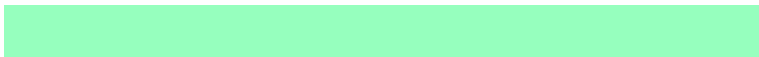
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56.1657, 81.4036, 41.6077



51.3515, 79.0919, 33.6964



57.6601, 81.7330, 61.5967



17.9642, 20.2675, 19.1095



19.0130, 37.5397, 6.2438



1.9105, 3.6857, 0.6107

Inverse Universe

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



65.9198, 48.0888, 100.4154



62.2202, 41.8505, 99.4063



64.3806, 47.9672, 69.9878



18.5762, 18.1888, 22.7817



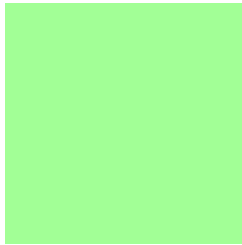
25.8789, 12.2515, 50.4354



2.5753, 1.2216, 4.9133

Previews

White Background



This preview shows how the XYZ color 56.1653, 81.4034, 41.6064 looks on a white background.

Color Contrast Check

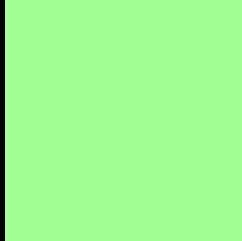
Large Text (above 18pt) WCAG AA × Fail

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 56.1653, 81.4034, 41.6064 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

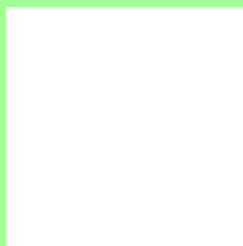
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.1653, 81.4034, 41.6064

Background



This preview shows how black text looks on a background with the XYZ color 56.1653, 81.4034, 41.6064.

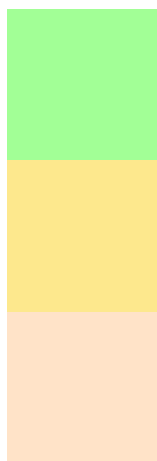


This preview shows how white text looks on a background with the XYZ color 56.1653, 81.4034,

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

56.1653, 81.4034, 41.6064

Protanopia

74.1723, 80.5190, 36.8317

Deuteranopia

79.1344, 80.3683, 65.9854



Tritanopia

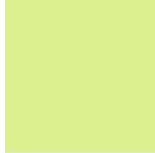
71.7158, 81.1423, 106.4899

Trichromacy



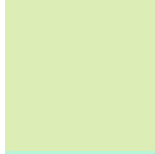
Original Color

56.1653, 81.4034, 41.6064



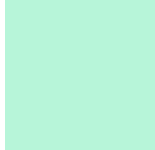
Protanomaly

65.7093, 79.5494, 38.2769



Deuteranomaly

68.5465, 79.3179, 55.9531



Tritanomaly

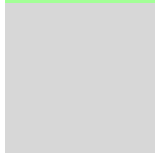
64.7052, 80.3818, 77.7506

Monochromacy



Original Color

56.1653, 81.4034, 41.6064



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.4657, 72.0910, 60.0183

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1653, 81.4034, 41.6064 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(162, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(162, 255, 150)  
}
```

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(162, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 255, 150) }
```

Border

The CSS property to change the border of an element to XYZ 56.1653, 81.4034, 41.6064 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(162, 255, 150) }
```


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

```
.border{ border-color:rgb(162, 255, 150) }
```

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

Here you see how a box with a 4 pixel rgb(162, 255, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(162, 255,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1653, 81.4034, 41.6064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 255, 150) }
```

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

```
.background{ background-color: rgb(162,  
255, 150) }
```

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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