

Converting Colors

XYZ(69.5128, 81.9832, 56.9604)

Have a look what the booklet for
XYZ(69.5128, 81.9832, 56.9604)
contains.

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Color

**XYZ(69.5128, 81.9832,
56.9604)**

Conversions

Conversions Part 1

Format	Color
Hex	DBF2B7
RGB	219, 242, 183
RGB Percent	86%, 95%, 72%
CMY	0.1412, 0.0510, 0.2823
CMYK	0.10, 0.00, 0.24, 0.05
HSL	83°, 69%, 83%
HSV	83°, 24%, 95%
XYZ	69.5128, 81.9832, 56.9604
YIQ	228.3970, 5.2310, -23.2250

Conversions

Conversions Part 2

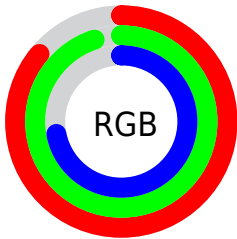
Format	Color
RYB	183, 242, 206
Decimal	14414519
CIELab	92.57, -17.48, 26.03
CIELCh	93, 31.358, 123.878
Yxy	81.9832, 0.3335, 0.3933
Android (android.graphics.Color)	4292604599 (0xFFDBF2B7)
YUV	228.3970, -22.3807, -8.2412
Hunter-Lab	90.5446, -21.4151, 26.0826

Details

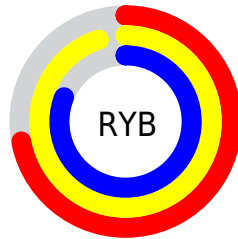
The XYZ color **69.5128, 81.9832, 56.9604** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.4174, 53.4019, 91.2375**, and the grayscale version is **74.1915, 78.0553, 85.0022**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **36.8980, 44.6220, 27.7873** is the 20% darker color. If you saturate the color by 10%, you get **64.4493, 79.6418, 44.6863**, and if you desaturate by 10%, it is **75.1746, 84.5880, 71.5265**.

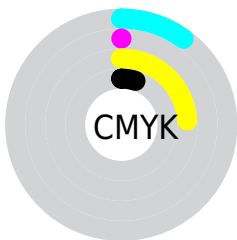
Distribution



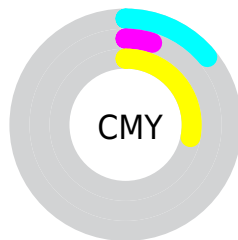
- Red (86%)
- Green (95%)
- Blue (72%)



- Red (72%)
- Yellow (95%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (24%)
- Black (5%)





- Cyan (14%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.5128, 81.9832, 56.9604 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 69.5128, 81.9832, 56.9604 by changing the saturation by 10% instead.


 69.5128, 81.9832,
56.9604

 69.5128, 81.9832,
56.9604


448.1306,
501.5915, 430.7905

 51.4076, 61.3517,
40.5643


 117.5438,
136.1504, 101.9072

 36.7555, 44.5091,
27.6617


148.2003,
170.4550, 131.2949

 25.1910, 31.0709,
17.8340


183.7712,
210.0859, 165.8503

 16.3489, 20.6528,
10.6626

224.6220,
255.4278, 205.9918

 9.8638, 12.8705,
5.7292

271.1180,
306.8648, 252.1381

 5.3703, 7.3394,
2.6150

323.6245,

 2.5031, 3.6753,

364.7816, 304.7076

0.9002

382.5070,
429.5623, 364.1189

0.8968, 1.4936,
0.0000

0.0000, 0.2842,
0.0000

69.5128, 81.9832,
56.9604

69.5128, 81.9832,
56.9604

64.4493, 79.6418,
44.6863

75.1746, 84.5880,
71.5265

59.9530, 77.5429,
34.5821

81.4516, 87.4549,
88.4879

55.9991, 75.6789,
26.5225

88.2701, 90.5577,
107.4348

52.5583, 74.0378,
20.3670

91.0438, 91.9876,
107.5646

■ 49.5977, 72.6060,
15.9576

■ 47.0795, 71.3683,
13.1109

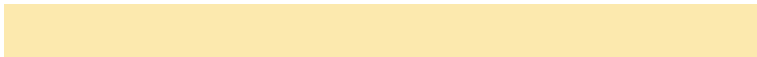
■ 44.9582, 70.3059,
11.6022

■ 43.9033, 69.7709,
11.1532

Harmonies

Analogous

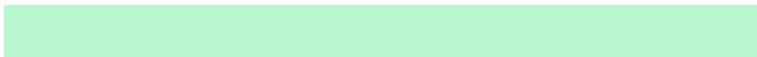
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8678, 81.9832, 51.5708



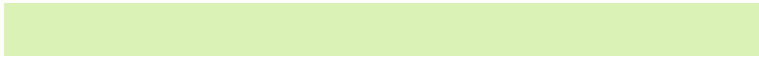
69.5128, 81.9832, 56.9604



64.6873, 81.9832, 70.9351

Triad

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



69.5128, 81.9832, 56.9604



71.2273, 81.9832, 135.9078



94.6193, 81.9832, 86.2656

Complementary

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



69.5128, 81.9832, 56.9604



58.4174, 53.4019, 91.2375

Split Complementary

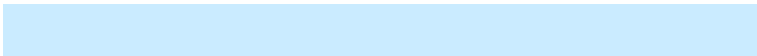
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.8502, 81.9832, 110.5101



69.5128, 81.9832, 56.9604



78.9869, 81.9832, 141.9226

Square

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



69.5128, 81.9832, 56.9604



65.6277, 81.9832, 116.6811



86.9847, 81.9832, 131.9313



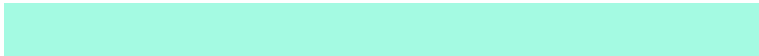
91.6645, 81.9832, 66.5209

Rectangle

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



69.5128, 81.9832, 56.9604



63.3621, 81.9832, 84.5667



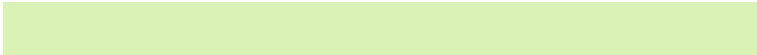
86.9847, 81.9832, 131.9313



94.5585, 81.9832, 94.1358

Sweetspot

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



69.5149, 81.9868, 56.9622



89.7937, 97.6071, 94.3431



67.1473, 66.2572, 54.0508



19.1261, 20.8493, 19.9385



0.0000, 0.0000, 0.0000



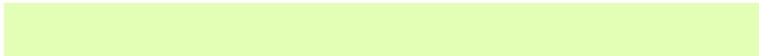
20.3446, 21.4041, 23.3091

Same Dimension

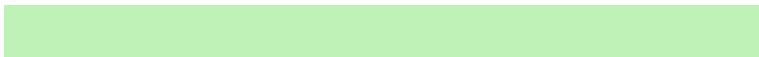
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.5149, 81.9868, 56.9622



75.5222, 91.0541, 57.3377



61.5080, 77.8591, 56.5874



16.4916, 18.1336, 16.7806



23.7417, 37.5608, 5.9987



2.0862, 3.1820, 0.5042

Inverse Universe

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



58.4174, 53.4019, 91.2375



61.1289, 53.9725, 101.8036



67.2630, 57.9620, 91.6515



15.4801, 15.5292, 19.9032



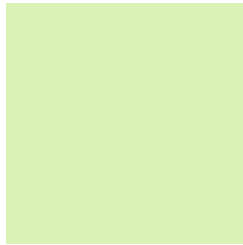
11.2514, 4.8057, 45.4625



1.0443, 0.4556, 3.7871

Previews

White Background



This preview shows how the XYZ color 69.5128, 81.9832, 56.9604 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 69.5128, 81.9832, 56.9604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

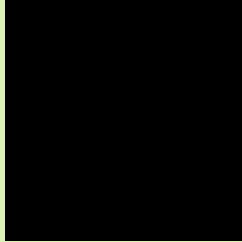
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

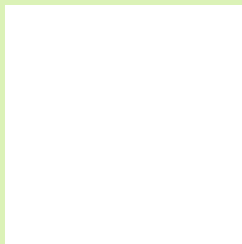
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5128, 81.9832, 56.9604

Background



This preview shows how black text looks on a background with the XYZ color 69.5128, 81.9832, 56.9604.



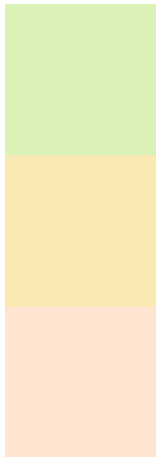
This preview shows how white text looks on a background with the XYZ color 69.5128, 81.9832,

56.9604.

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

69.5128, 81.9832, 56.9604

Protanopia

76.3425, 81.6722, 54.3885

Deuteranopia

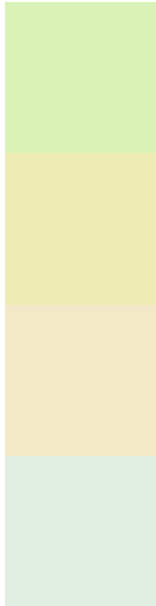
80.6163, 81.3999, 72.4356



Tritanopia

78.8646, 81.9009, 102.9186

Trichromacy



Original Color

69.5128, 81.9832, 56.9604

Protanomaly

73.4936, 81.4633, 55.0305

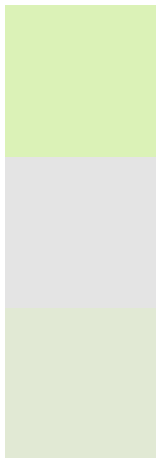
Deuteranomaly

76.1822, 81.3252, 66.3257

Tritanomaly

74.7743, 81.4894, 83.7395

Monochromacy



Original Color

69.5128, 81.9832, 56.9604

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

72.0739, 79.0388, 73.7447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5128, 81.9832, 56.9604 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(219, 242, 183)` looks like.

```
.text, #text, p{  
    color:rgb(219, 242, 183)  
}
```

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(219, 242, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 242, 183) }
```

Border

The CSS property to change the border of an element to XYZ 69.5128, 81.9832, 56.9604 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(219, 242, 183) }
```


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

```
.border{ border-color:rgb(219, 242, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 242, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 242, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 242, 183);  
box-shadow:4px 4px 4px 4px rgb(219, 242,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5128, 81.9832, 56.9604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 242, 183) }
```

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

```
.background{ background-color: rgb(219,  
242, 183) }
```

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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