

Converting Colors

XYZ(64.5294, 81.3301, 60.2567)

Have a look what the booklet for
XYZ(64.5294, 81.3301, 60.2567)
contains.

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Color

**XYZ(64.3892, 81.0550,
60.3956)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F6BD
RGB	194, 246, 189
RGB Percent	76%, 96%, 74%
CMY	0.2392, 0.0353, 0.2588
CMYK	0.21, 0.00, 0.23, 0.04
HSL	115°, 76%, 85%
HSV	115°, 23%, 96%
XYZ	64.3892, 81.0550, 60.3956
YIQ	223.9540, -12.6950, -28.7510

Conversions

Conversions Part 2

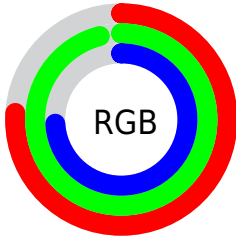
Format	Color
R _{YB}	189, 246, 241
Decimal	12777149
CIE Lab	92.16, -27.06, 22.15
CIE LCh	92, 34.967, 140.699
Yxy	81.0550, 0.3128, 0.3938
Android (android.graphics.Color)	4290967229 (0xFFC2F6BD)
YUV	223.9540, -17.2323, -26.2697
Hunter-Lab	90.0306, -29.8916, 23.2476

Details

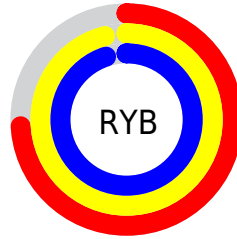
The XYZ color **64.3892, 81.0550, 60.3956** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.1112, 61.7521, 95.3644**, and the grayscale version is **70.9462, 74.6409, 81.2840**.

A 20% lighter version of the original color is **92.0251, 98.6218, 100.5719**, and **33.2182, 43.6334, 29.5930** is the 20% darker color. If you saturate the color by 10%, you get **56.6110, 77.3303, 47.2549**, and if you desaturate by 10%, it is **73.4946, 85.4162, 75.9660**.

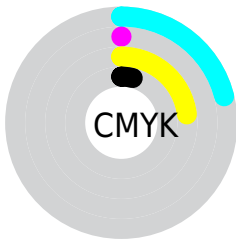
Distribution



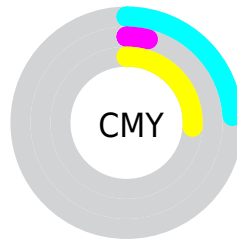
- Red (76%)
- Green (96%)
- Blue (74%)



- Red (74%)
- Yellow (96%)
- Blue (95%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (4%)





- Cyan (24%)
- Magenta (4%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3892, 81.0550, 60.3956 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 64.3892, 81.0550, 60.3956 by changing the saturation by 10% instead.


 64.3892, 81.0550,
60.3956

 64.3892, 81.0550,
60.3956


430.1737,
498.4812, 443.8995

 47.2288, 60.5869,
43.3102


 110.2419,
134.8480, 106.9523

 33.4253, 43.8919,
29.7954


139.6649,
168.9417, 137.2607

 22.6132, 30.5855,
19.4326


173.9061,
208.3460, 172.8138

 14.4273, 20.2834,
11.8033

213.3310,
253.4454, 214.0302

 8.5021, 12.6012,
6.4890

258.3049,
304.6242, 261.3284

 4.4724, 7.1545,
3.0711

309.1930,

 1.9727, 3.5589,

362.2668, 315.1270

1.1310

366.3609,
426.7577, 375.8445

0.6186, 1.4300,
0.0000

0.0000, 0.2387,
0.0000

64.3892, 81.0550,
60.3956

64.3892, 81.0550,
60.3956

56.6110, 77.3303,
47.2549

73.4946, 85.4162,
75.9660

50.0917, 74.2027,
36.4165

83.9785, 90.4309,
94.0743

44.7670, 71.6440,
27.7494

92.2474, 94.3948,
107.9658

40.5640, 69.6200,
21.1074

■ 37.4018, 68.0923,
16.3260

■ 35.1886, 67.0180,
13.2156

■ 33.8163, 66.3461,
11.5459

■ 33.2789, 66.0805,
11.0008

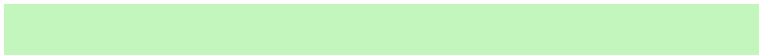
Harmonies

Analogous

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



71.0740, 81.0550, 49.4825



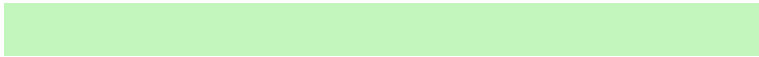
64.3892, 81.0550, 60.3956



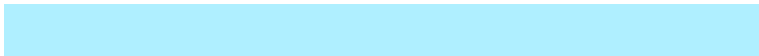
61.1678, 81.0550, 80.4716

Triad

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



64.3892, 81.0550, 60.3956



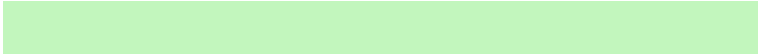
74.2723, 81.0550, 146.8757



94.4213, 81.0550, 71.8442

Complementary

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



64.3892, 81.0550, 60.3956



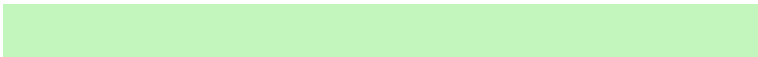
71.1112, 61.7521, 95.3644

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.



95.4455, 81.0550, 96.5250



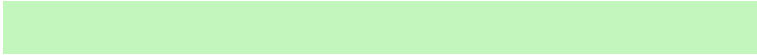
64.3892, 81.0550, 60.3956



83.3316, 81.0550, 143.3210

Square

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



64.3892, 81.0550, 60.3956



66.5735, 81.0550, 132.5182



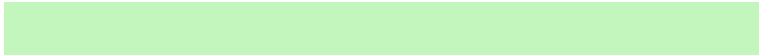
91.2487, 81.0550, 123.5846



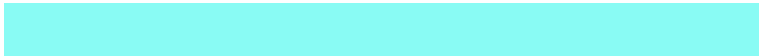
88.5505, 81.0550, 55.1415

Rectangle

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



64.3892, 81.0550, 60.3956



61.2308, 81.0550, 97.7966



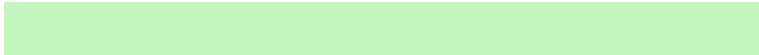
91.2487, 81.0550, 123.5846



95.3608, 81.0550, 79.3553

Sweetspot

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



64.3913, 81.0585, 60.3974



86.5686, 95.9444, 94.1922



78.4434, 85.7679, 60.5658



18.3803, 20.4648, 19.9036



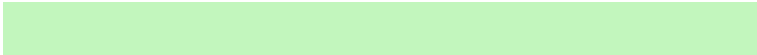
0.0000, 0.0000, 0.0000



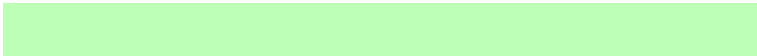
20.3446, 21.4041, 23.3091

Same Dimension

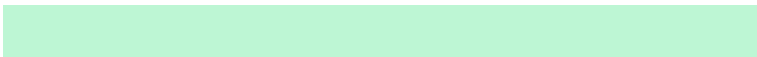
The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3913, 81.0585, 60.3974



65.5705, 85.8933, 58.2510



65.8030, 81.4774, 74.4159



16.4169, 18.5415, 17.5112



17.8098, 35.2941, 5.8738



1.6104, 3.1253, 0.5184

Inverse Universe

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



71.1112, 61.7521, 95.3644



74.0813, 61.4267, 102.5598



69.5528, 61.3286, 78.1281



17.0619, 16.6901, 20.8648



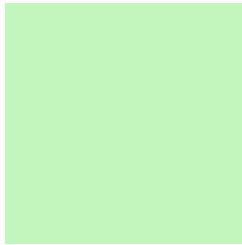
25.4187, 12.0781, 47.5296



2.2753, 1.0828, 4.1793

Previews

White Background



This preview shows how the XYZ color 64.3892, 81.0550, 60.3956 looks on a white background.

Color Contrast Check

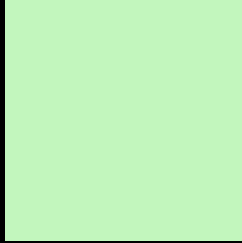
Large Text (above 18pt) WCAG AA × Fail

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 64.3892, 81.0550, 60.3956 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 64.3892, 81.0550, 60.3956

Background



This preview shows how black text looks on a background with the XYZ color 64.3892, 81.0550, 60.3956.



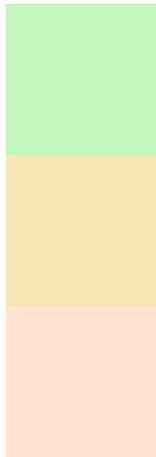
This preview shows how white text looks on a background with the XYZ color 64.3892, 81.0550,

60.3956.

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

64.3892, 81.0550, 60.3956

Protanopia

75.3772, 80.3034, 55.7833

Deuteranopia

79.9450, 80.2562, 71.5990



Tritanopia

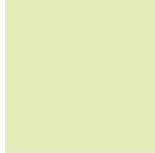
74.0663, 81.0538, 106.3490

Trichromacy



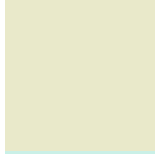
Original Color

64.3892, 81.0550, 60.3956



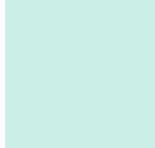
Protanomaly

70.7473, 79.9877, 57.6093



Deuteranomaly

73.4039, 79.8657, 67.4239



Tritanomaly

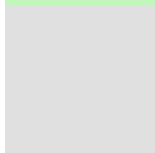
69.9410, 80.6463, 87.4813

Monochromacy



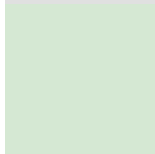
Original Color

64.3892, 81.0550, 60.3956



Achromatopsia

70.8507, 74.5404, 81.1745



Achromatomaly

68.0551, 76.5625, 72.8192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3892, 81.0550, 60.3956 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(194, 246, 189)` looks like.

```
.text, #text, p{  
    color:rgb(194, 246, 189)  
}
```

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(194, 246, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 246, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.3892, 81.0550, 60.3956 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(194, 246, 189) }
```


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

```
.border{ border-color:rgb(194, 246, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 246, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 246, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 246, 189); box-shadow:4px 4px 4px 4px rgb(194, 246, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3892, 81.0550, 60.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 246, 189) }
```

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

```
.background{ background-color: rgb(194,  
246, 189) }
```

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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