

Converting Colors

XYZ(62.8416, 78.8475, 56.8835)

Have a look what the booklet for
XYZ(62.8416, 78.8475, 56.8835)
contains.

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Color

**XYZ(62.8460, 78.9894,
56.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F3B7
RGB	194, 243, 183
RGB Percent	76%, 95%, 72%
CMY	0.2392, 0.0470, 0.2823
CMYK	0.20, 0.00, 0.25, 0.05
HSL	109°, 71%, 84%
HSV	109°, 25%, 95%
XYZ	62.8460, 78.9894, 56.7339
YIQ	221.5090, -9.9440, -29.0480

Conversions

Conversions Part 2

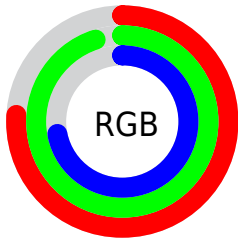
Format	Color
RYB	183, 243, 232
Decimal	12776375
CIELab	91.23, -26.60, 23.94
CIELCh	91, 35.788, 138.013
Yxy	78.9894, 0.3165, 0.3978
Android (android.graphics.Color)	4290966455 (0xFFC2F3B7)
YUV	221.5090, -18.9849, -24.1254
Hunter-Lab	88.8760, -29.3120, 24.3655

Details

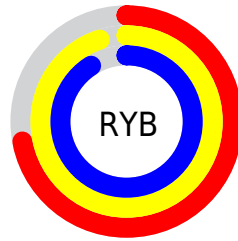
The XYZ color **62.8460, 78.9894, 56.7339** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.3931, 57.4961, 92.3967**, and the grayscale version is **69.2213, 72.8262, 79.3077**.

A 20% lighter version of the original color is **91.1236, 98.2612, 95.8249**, and **32.4470, 42.6413, 27.6396** is the 20% darker color. If you saturate the color by 10%, you get **55.7745, 75.6137, 44.3206**, and if you desaturate by 10%, it is **71.0387, 82.8973, 71.4823**.

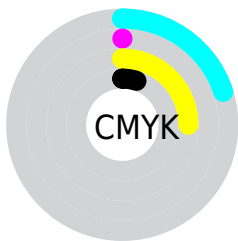
Distribution



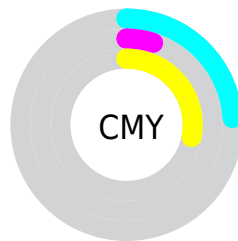
- Red (76%)
- Green (95%)
- Blue (72%)



- Red (72%)
- Yellow (95%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (5%)



- Cyan (24%)
- Magenta (5%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8460, 78.9894, 56.7339 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 62.8460, 78.9894, 56.7339 by changing the saturation by 10% instead.

62.8460, 78.9894,
56.7339

62.8460, 78.9894,
56.7339

424.6789,
491.5205, 429.9172

45.9748, 58.8871,
40.3837

108.0304,
131.9439, 101.5733

32.4305, 42.5222,
27.5218

137.0743,
165.5650, 130.8996

21.8477, 29.5104,
17.7296

170.9064,
204.4610, 165.3883

13.8610, 19.4673,
10.5886

209.8922,
249.0165, 205.4579

8.1051, 12.0084,
5.6802

254.3970,
299.6158, 251.5271

4.2146, 6.7494,
2.5860


304.7862,


1.8243, 3.3059,


356.6433, 304.0144


0.8852


361.4250,
420.4834, 363.3382


 0.5322, 1.2934,
0.0000


 0.0000, 0.1361,
0.0000


 62.8460, 78.9894,
56.7339

 62.8460, 78.9894,
56.7339


 55.7745, 75.6137,
44.3206


 71.0387, 82.8973,
71.4823


 49.7686, 72.7371,
34.1178

 80.3924, 87.3485,
88.6716

 44.7776, 70.3388,
25.9973

 90.8068, 92.3083,
107.6390

 40.7438, 68.3919,
19.8155

 91.3421, 92.5843,
107.6640

■ 37.6035, 66.8673,
15.4105

■ 35.2850, 65.7320,
12.5945

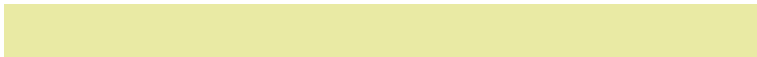
■ 33.7040, 64.9475,
11.1371

■ 33.1144, 64.6519,
10.7338

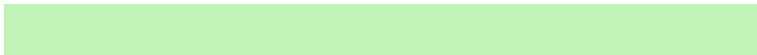
Harmonies

Analogous

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



69.8123, 78.9894, 46.7153



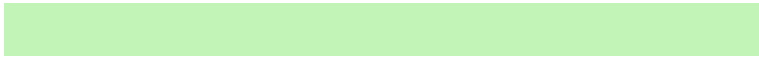
62.8460, 78.9894, 56.7339



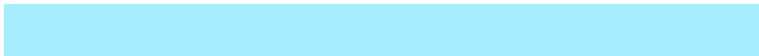
59.2772, 78.9894, 76.0440

Triad

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



62.8460, 78.9894, 56.7339



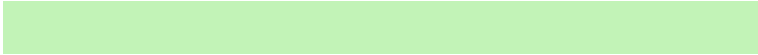
71.5129, 78.9894, 144.6979



92.9132, 78.9894, 71.4674

Complementary

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



62.8460, 78.9894, 56.7339



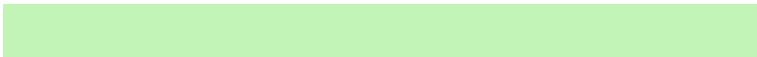
66.3931, 57.4961, 92.3967

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.



93.4612, 78.9894, 96.8021



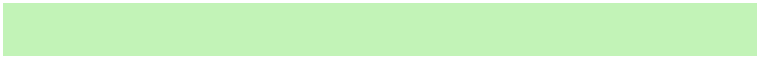
62.8460, 78.9894, 56.7339



80.6001, 78.9894, 142.7843

Square

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



62.8460, 78.9894, 56.7339



64.0044, 78.9894, 128.7283



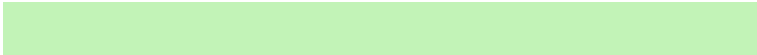
88.8002, 78.9894, 123.9315



87.3583, 78.9894, 53.9670

Rectangle

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



62.8460, 78.9894, 56.7339



59.0979, 78.9894, 93.1577



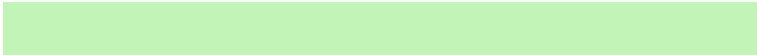
88.8002, 78.9894, 123.9315



93.7044, 78.9894, 79.2301

Sweetspot

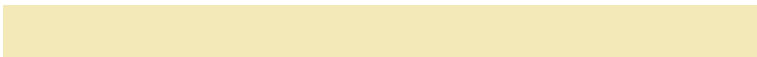
The Sweet Spot groups the original color and five complimentary colors.



62.8481, 78.9928, 56.7356



87.1466, 96.2424, 94.2192



74.3693, 80.1904, 56.3596



18.5137, 20.5336, 19.9099



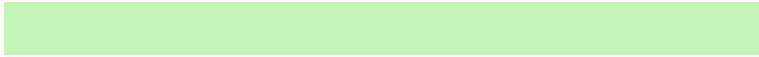
0.0000, 0.0000, 0.0000



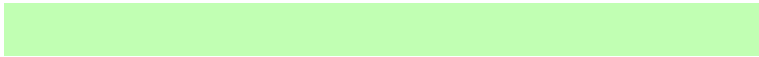
20.3446, 21.4041, 23.3091

Same Dimension

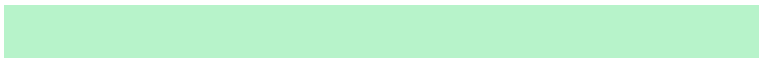
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.8481, 78.9928, 56.7356



65.7171, 86.0294, 55.5248



62.2422, 78.4363, 67.7383



16.5655, 18.6181, 17.5181



18.2543, 35.5232, 5.8946



1.6808, 3.1615, 0.5217

Inverse Universe

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



66.3931, 57.4961, 92.3967



70.3378, 57.9568, 102.0873



67.3530, 58.3055, 78.2282



16.8983, 16.6058, 20.8572



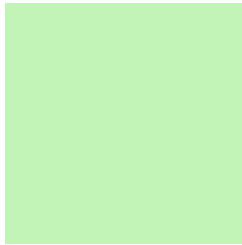
21.8329, 10.2296, 47.3618



1.9945, 0.9381, 4.1662

Previews

White Background



This preview shows how the XYZ color 62.8460, 78.9894, 56.7339 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 62.8460, 78.9894, 56.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

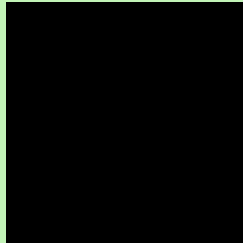
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.8460, 78.9894, 56.7339

Background



This preview shows how black text looks on a background with the XYZ color 62.8460, 78.9894, 56.7339.



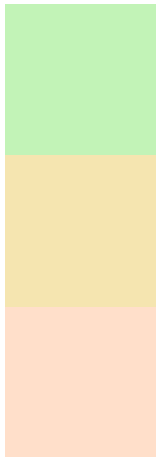
This preview shows how white text looks on a background with the XYZ color 62.8460, 78.9894,

56.7339.

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

62.8460, 78.9894, 56.7339

Protanopia

73.5120, 78.5857, 52.3684

Deuteranopia

78.2883, 78.2996, 66.8642



Tritanopia

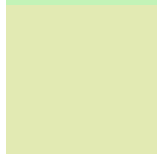
72.1703, 78.8530, 103.5118

Trichromacy



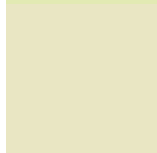
Original Color

62.8460, 78.9894, 56.7339



Protanomaly

68.9235, 78.2691, 54.1226



Deuteranomaly

71.7514, 77.8574, 62.8760



Tritanomaly

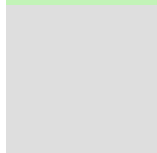
68.2367, 78.5319, 84.2348

Monochromacy



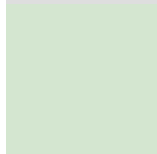
Original Color

62.8460, 78.9894, 56.7339



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.8334, 75.1447, 70.6564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8460, 78.9894, 56.7339 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, 243, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 243, 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(194, 243, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 243, 183) }
```

Border

The CSS property to change the border of an element to XYZ 62.8460, 78.9894, 56.7339 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, 243, 183) }
```


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

```
.border{ border-color:rgb(194, 243, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 243, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 243, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 243, 183); box-shadow:4px 4px 4px 4px rgb(194, 243, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8460, 78.9894, 56.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 243, 183) }
```

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

```
.background{ background-color: rgb(194,  
243, 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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