

Converting Colors

XYZ(61.9133, 75.9557, 55.9825)

Have a look what the booklet for
XYZ(61.9133, 75.9557, 55.9825)
contains.

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Color

**XYZ(61.8574, 75.8576,
56.1815)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EDB7
RGB	197, 237, 183
RGB Percent	77%, 93%, 72%
CMY	0.2274, 0.0706, 0.2823
CMYK	0.17, 0.00, 0.23, 0.07
HSL	104°, 60%, 82%
HSV	104°, 23%, 93%
XYZ	61.8574, 75.8576, 56.1815
YIQ	218.8840, -6.5060, -25.2740

Conversions

Conversions Part 2

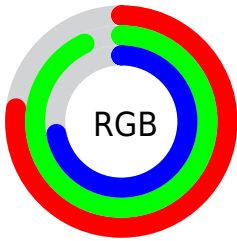
Format	Color
R _{YB}	183, 237, 223
Decimal	12971447
CIE Lab	89.79, -22.71, 21.99
CIE LCh	90, 31.608, 135.920
Yxy	75.8576, 0.3190, 0.3912
Android (android.graphics.Color)	4291161527 (0xFFC5EDB7)
YUV	218.8840, -17.6908, -19.1923
Hunter-Lab	87.0963, -25.6444, 22.7223

Details

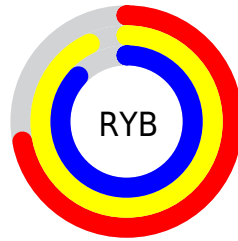
The XYZ color **61.8574, 75.8576, 56.1815** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.6541, 55.6715, 87.5682**, and the grayscale version is **67.3753, 70.8840, 77.1927**.

A 20% lighter version of the original color is **92.2130, 98.8228, 95.8759**, and **31.8808, 40.4991, 27.2559** is the 20% darker color. If you saturate the color by 10%, you get **55.2632, 72.7218, 44.0623**, and if you desaturate by 10%, it is **69.4065, 79.4421, 70.5168**.

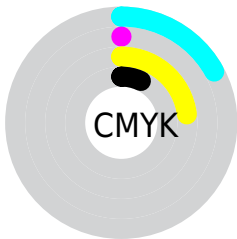
Distribution



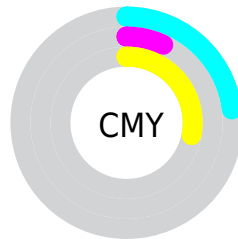
- Red (77%)
- Green (93%)
- Blue (72%)



- Red (72%)
- Yellow (93%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)





- Cyan (23%)
- Magenta (7%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8574, 75.8576, 56.1815 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 61.8574, 75.8576, 56.1815 by changing the saturation by 10% instead.


 61.8574, 75.8576,
56.1815

 61.8574, 75.8576,
56.1815


421.1366,
480.8601, 427.7827

 45.1726, 56.3157,
39.9435

 106.6105,
127.5256, 100.7583

 31.7953, 40.4561,
27.1810


135.4096,
160.4205, 129.9343

 21.3600, 27.8944,
17.4756


168.9775,
198.5353, 164.2599

 13.5013, 18.2460,
10.4086

207.6795,
242.2542, 204.1538

 7.8540, 11.1268,
5.5616

251.8811,
291.9618, 250.0344

 4.0527, 6.1522,
2.5159


301.9476,


 1.7320, 2.9378,


348.0424, 302.3205


0.8486


358.2443,
410.8803, 361.4303


 0.4762, 1.0994,
0.0000


 0.0000, 0.0000,
0.0000


 61.8574, 75.8576,
56.1815


 61.8574, 75.8576,
56.1815


 55.2632, 72.7218,
44.0623


 69.4065, 79.4421,
70.5168

 49.5788, 70.0073,
34.0438

 77.9413, 83.4823,
87.1658

 44.7643, 67.6982,
26.0079

 87.4984, 87.9971,
106.2265

 40.7742, 65.7740,
19.8226

 89.5757, 89.0514,
107.0752

■ 37.5588, 64.2123,
15.3400

■ 35.0622, 62.9880,
12.3894

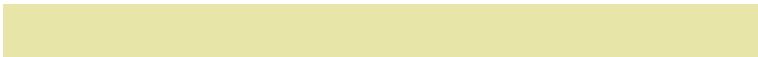
■ 33.2197, 62.0722,
10.7646

■ 32.2372, 61.5775,
10.1866

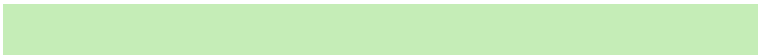
Harmonies

Analogous

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



68.0657, 75.8576, 47.8031



61.8574, 75.8576, 56.1815



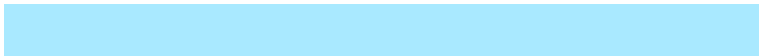
58.5138, 75.8576, 72.5842

Triad

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



61.8574, 75.8576, 56.1815



68.5141, 75.8576, 131.6369



87.5006, 75.8576, 71.3693

Complementary

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



61.8574, 75.8576, 56.1815



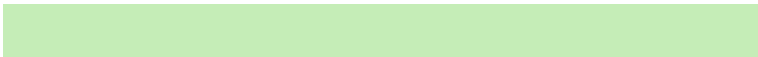
62.6541, 55.6715, 87.5682

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.



87.6424, 75.8576, 93.4887



61.8574, 75.8576, 56.1815



76.2915, 75.8576, 131.1507

Square

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



61.8574, 75.8576, 56.1815



62.1652, 75.8576, 117.4406



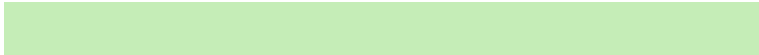
83.4159, 75.8576, 116.2124



83.0414, 75.8576, 55.4309

Rectangle

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



61.8574, 75.8576, 56.1815



58.1920, 75.8576, 87.1041



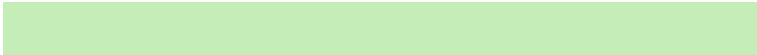
83.4159, 75.8576, 116.2124



88.0651, 75.8576, 78.2462

Sweetspot

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



61.8594, 75.8609, 56.1832



87.6095, 96.4810, 94.2409



69.7564, 73.9886, 55.4056



18.6206, 20.5887, 19.9149



0.0000, 0.0000, 0.0000



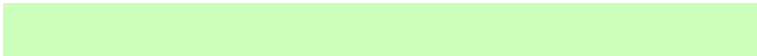
20.3446, 21.4041, 23.3091

Same Dimension

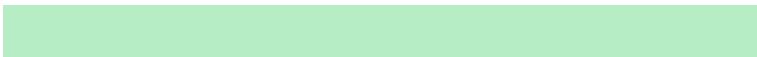
The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.8594, 75.8609, 56.1832



69.5401, 87.9086, 59.8409



59.7333, 74.6064, 63.2400



15.2344, 17.0509, 16.0069



17.7032, 33.6708, 5.5661



1.4776, 2.6891, 0.4412

Inverse Universe

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



62.6541, 55.6715, 87.5682



70.6165, 60.4318, 102.5504



65.3702, 57.2771, 78.4192



15.3116, 15.1059, 19.0310



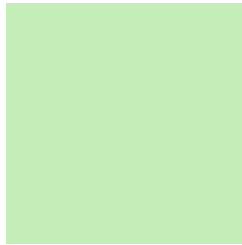
18.1959, 8.4162, 44.4084



1.5176, 0.7066, 3.4913

Previews

White Background



This preview shows how the XYZ color 61.8574, 75.8576, 56.1815 looks on a white background.

Color Contrast Check

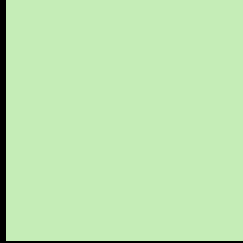
Large Text (above 18pt) WCAG AA × Fail

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 61.8574, 75.8576, 56.1815 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 61.8574, 75.8576, 56.1815

Background



This preview shows how black text looks on a background with the XYZ color 61.8574, 75.8576, 56.1815.

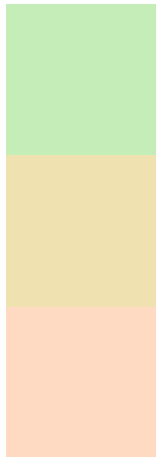


This preview shows how white text looks on a background with the XYZ color 61.8574, 75.8576,

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

61.8574, 75.8576, 56.1815

Protanopia

70.7962, 75.5500, 52.4462

Deuteranopia

76.0490, 75.2978, 61.5647



Tritanopia

70.2640, 75.4676, 98.8591

Trichromacy



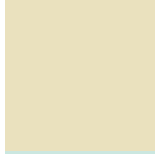
Original Color

61.8574, 75.8576, 56.1815



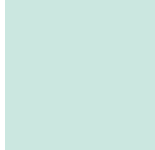
Protanomaly

66.8965, 75.1406, 53.6256



Deuteranomaly

70.1512, 75.0606, 59.5060



Tritanomaly

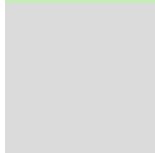
66.6591, 75.2302, 81.5286

Monochromacy



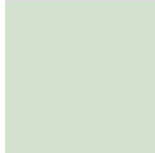
Original Color

61.8574, 75.8576, 56.1815



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

65.2009, 72.6978, 68.9881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8574, 75.8576, 56.1815 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(197, 237, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 237, 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(197, 237, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 237, 183) }
```

Border

The CSS property to change the border of an element to XYZ 61.8574, 75.8576, 56.1815 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(197, 237, 183) }
```


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

```
.border{ border-color:rgb(197, 237, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 237, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 237, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 237, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 237,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8574, 75.8576, 56.1815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 237, 183) }
```

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

```
.background{ background-color: rgb(197,  
237, 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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