

Converting Colors

XYZ(61.3298, 76.2650, 49.4076)

Have a look what the booklet for
XYZ(61.3298, 76.2650, 49.4076)
contains.

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Color

**XYZ(61.3834, 76.1935,
49.5018)**

Conversions

Conversions Part 1

Format	Color
Hex	C7EEAA
RGB	199, 238, 170
RGB Percent	78%, 93%, 67%
CMY	0.2196, 0.0666, 0.3333
CMYK	0.16, 0.00, 0.29, 0.07
HSL	94°, 67%, 80%
HSV	94°, 29%, 93%
XYZ	61.3834, 76.1935, 49.5018
YIQ	218.5870, -1.4160, -29.4160

Conversions

Conversions Part 2

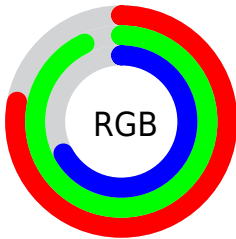
Format	Color
RYB	170, 238, 209
Decimal	13102762
CIELab	89.95, -24.49, 28.88
CIELCh	90, 37.868, 130.290
Yxy	76.1935, 0.3281, 0.4073
Android (android.graphics.Color)	4291292842 (0xFFC7EEAA)
YUV	218.5870, -23.9534, -17.1778
Hunter-Lab	87.2889, -27.2306, 27.4787

Details

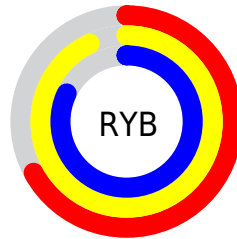
The XYZ color **61.3834, 76.1935, 49.5018** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.1051, 48.4801, 87.2937**, and the grayscale version is **67.2089, 70.7090, 77.0021**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **31.4404, 40.6695, 23.0225** is the 20% darker color. If you saturate the color by 10%, you get **55.8721, 73.5916, 38.5363**, and if you desaturate by 10%, it is **67.6313, 79.1326, 62.6325**.

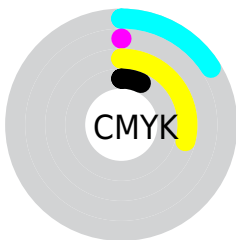
Distribution



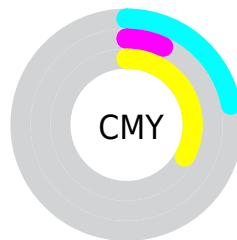
- Red (78%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (82%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (7%)





- Cyan (22%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3834, 76.1935, 49.5018 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 61.3834, 76.1935, 49.5018 by changing the saturation by 10% instead.


 61.3834, 76.1935,
49.5018

 61.3834, 76.1935,
49.5018


419.4319,
482.0098, 401.3936

 44.7884, 56.5912,
34.6493


 105.9288,
128.0004, 90.8250

 31.4913, 40.6771,
23.1115


134.6100,
160.9738, 118.1327

 21.1269, 28.0669,
14.4698


168.0505,
199.1729, 150.4293

 13.3298, 18.3761,
8.3056

206.6158,
242.9823, 188.1333

 7.7346, 11.2203,
4.2006

250.6713,
292.7863, 231.6631

 3.9760, 6.2152,
1.7360

300.5822,

 1.6885, 2.9764,


348.9693, 281.4374


0.3852


356.7139,
411.9157, 337.8747


 0.4491, 1.1194,
0.0000


 0.0000, 0.0000,
0.0000


 61.3834, 76.1935,
49.5018


 61.3834, 76.1935,
49.5018


 55.8721, 73.5916,
38.5363


 67.6313, 79.1326,
62.6325


 51.0609, 71.3038,
29.6148

 74.6384, 82.4113,
78.0310

 46.9189, 69.3193,
22.6116

 82.4336, 86.0446,
95.7994

 43.4100, 67.6224,
17.3853

 89.3552, 89.3689,
107.1481

■ 40.4940, 66.1961,
13.7748

■ 89.8661, 89.6323,
107.1720

■ 38.1248, 65.0206,
11.5899

■ 36.2389, 64.0694,
10.5542

■ 35.9981, 63.9474,
10.4458

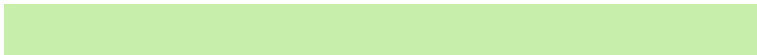
Harmonies

Analogous

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



69.2489, 76.1935, 41.8477



61.3834, 76.1935, 49.5018



56.7493, 76.1935, 66.7495

Triad

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



61.3834, 76.1935, 49.5018



66.5122, 76.1935, 141.6290



91.6306, 76.1935, 74.0823

Complementary

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



61.3834, 76.1935, 49.5018



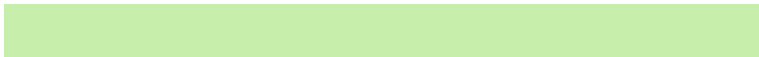
56.1051, 48.4801, 87.2937

Split Complementary

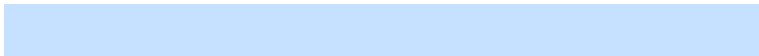
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.7378, 76.1935, 101.6070



61.3834, 76.1935, 49.5018



75.6857, 76.1935, 144.7844

Square

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



61.3834, 76.1935, 49.5018



59.5289, 76.1935, 120.9982



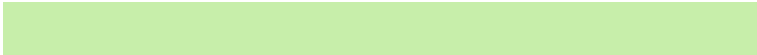
84.7052, 76.1935, 128.8677



87.0487, 76.1935, 53.8705

Rectangle

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



61.3834, 76.1935, 49.5018



55.8571, 76.1935, 83.2235



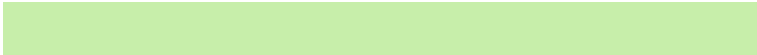
84.7052, 76.1935, 128.8677



91.9697, 76.1935, 82.7006

Sweetspot

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



61.3854, 76.1968, 49.5035



86.8944, 96.1974, 90.3693



65.2048, 66.4547, 47.4217



18.3320, 20.4655, 18.7474



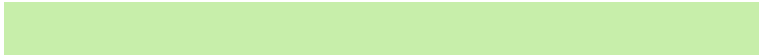
0.0000, 0.0000, 0.0000



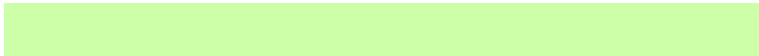
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3854, 76.1968, 49.5035



68.1075, 87.3761, 50.4681



54.8465, 72.7755, 51.4752



16.2050, 17.9858, 16.7672



20.2233, 35.7471, 5.8340



1.7939, 3.0313, 0.4906

Inverse Universe

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



56.1051, 48.4801, 87.2937



61.0302, 50.2461, 101.0896



64.4124, 52.8386, 84.2487



15.7654, 15.6763, 19.9165



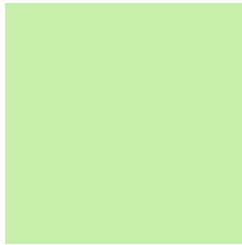
14.4719, 6.4659, 45.6132



1.3175, 0.5964, 3.7999

Previews

White Background



This preview shows how the XYZ color 61.3834, 76.1935, 49.5018 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 61.3834, 76.1935, 49.5018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

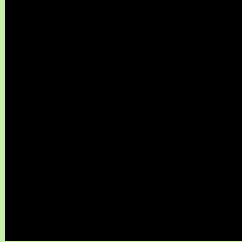
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3834, 76.1935, 49.5018

Background



This preview shows how black text looks on a background with the XYZ color 61.3834, 76.1935, 49.5018.

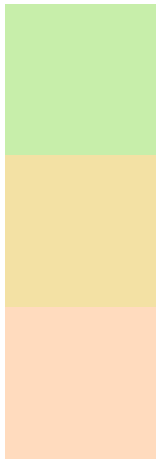


This preview shows how white text looks on a background with the XYZ color 61.3834, 76.1935,

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

61.3834, 76.1935, 49.5018

Protanopia

70.5882, 75.5854, 45.9910

Deuteranopia

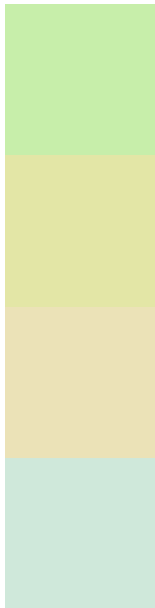
75.8658, 75.6407, 59.3168



Tritanopia

71.2419, 75.9895, 98.1014

Trichromacy



Original Color

61.3834, 76.1935, 49.5018

Protanomaly

66.8583, 75.6777, 47.1598

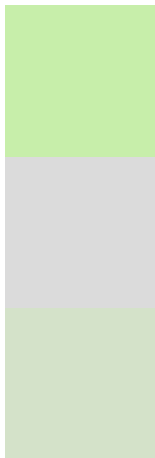
Deuteranomaly

70.0045, 75.4738, 55.6780

Tritanomaly

67.2436, 76.0406, 77.4628

Monochromacy



Original Color

61.3834, 76.1935, 49.5018

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

64.8903, 72.6068, 65.8528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3834, 76.1935, 49.5018 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(199, 238, 170)` looks like.

```
.text, #text, p{  
    color:rgb(199, 238, 170)  
}
```

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(199, 238, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 238, 170) }
```

Border

The CSS property to change the border of an element to XYZ 61.3834, 76.1935, 49.5018 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(199, 238, 170) }
```


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

```
.border{ border-color:rgb(199, 238, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 238, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 238, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 238, 170);  
box-shadow:4px 4px 4px 4px rgb(199, 238,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3834, 76.1935, 49.5018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 238, 170) }
```

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

```
.background{ background-color: rgb(199,  
238, 170) }
```

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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