

Converting Colors

XYZ(61.3112, 76.4581, 49.2203)

Have a look what the booklet for
XYZ(61.3112, 76.4581, 49.2203)
contains.

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Color

**XYZ(61.3166, 76.6033,
49.0903)**

Conversions

Conversions Part 1

Format	Color
Hex	C6EFA9
RGB	198, 239, 169
RGB Percent	78%, 94%, 66%
CMY	0.2235, 0.0627, 0.3372
CMYK	0.17, 0.00, 0.29, 0.06
HSL	95°, 69%, 80%
HSV	95°, 29%, 94%
XYZ	61.3166, 76.6033, 49.0903
YIQ	218.7610, -1.9660, -30.4620

Conversions

Conversions Part 2

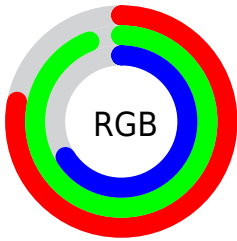
Format	Color
RYB	169, 239, 210
Decimal	13037481
CIELab	90.14, -25.46, 29.64
CIELCh	90, 39.074, 130.665
Yxy	76.6033, 0.3279, 0.4096
Android (android.graphics.Color)	4291227561 (0xFFC6EFA9)
YUV	218.7610, -24.5322, -18.2074
Hunter-Lab	87.5233, -28.1132, 28.0116

Details

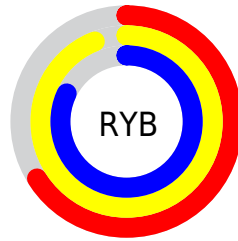
The XYZ color **61.3166, 76.6033, 49.0903** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.3495, 48.3117, 88.0206**, and the grayscale version is **67.3336, 70.8402, 77.1450**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **31.4136, 40.9676, 22.7749** is the 20% darker color. If you saturate the color by 10%, you get **55.7541, 73.9740, 38.1691**, and if you desaturate by 10%, it is **67.6344, 79.5792, 62.1909**.

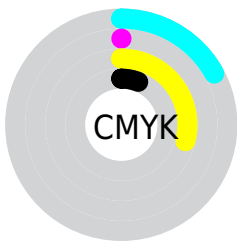
Distribution



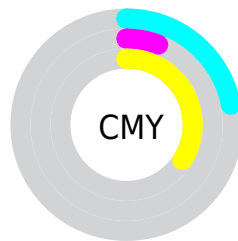
- Red (78%)
- Green (94%)
- Blue (66%)



- Red (66%)
- Yellow (94%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (29%)
- Black (6%)





- Cyan (22%)
- Magenta (6%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3166, 76.6033, 49.0903 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 61.3166, 76.6033, 49.0903 by changing the saturation by 10% instead.


 61.3166, 76.6033,
49.0903

 61.3166, 76.6033,
49.0903


419.1913,
483.4104, 399.7304

 44.7342, 56.9273,
34.3250


 105.8327,
128.5793, 90.2079

 31.4485, 40.9469,
22.8640


134.4972,
161.6482, 117.3974

 21.0941, 28.2776,
14.2888


167.9198,
199.9502, 149.5652

 13.3057, 18.5350,
8.1807

206.4658,
243.8697, 187.1301

 7.7178, 11.3348,
4.1214

250.5006,
293.7910, 230.5105

 3.9652, 6.2925,
1.6922


300.3895,


 1.6825, 3.0237,


350.0987, 280.1250


0.3554


356.4980,
413.1770, 336.3921


 0.4453, 1.1441,
0.0000


 0.0000, 0.0154,
0.0000


 61.3166, 76.6033,
49.0903


 61.3166, 76.6033,
49.0903


 55.7541, 73.9740,
38.1691


 67.6344, 79.5792,
62.1909


 50.9094, 71.6677,
29.3040

 74.7310, 82.9044,
77.5750

 46.7503, 69.6728,
22.3671

 82.6363, 86.5946,
95.3464

 43.2395, 67.9734,
17.2143

 89.7911, 90.0270,
107.2522

■ 40.3353, 66.5514,
13.6811

■ 90.1581, 90.2161,
107.2694

■ 37.9897, 65.3864,
11.5725

■ 36.1331, 64.4492,
10.5843

■ 36.0144, 64.3891,
10.5302

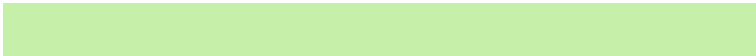
Harmonies

Analogous

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



69.4110, 76.6033, 41.1494



61.3166, 76.6033, 49.0903



56.5863, 76.6033, 66.9392

Triad

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



61.3166, 76.6033, 49.0903



66.8054, 76.6033, 144.6623



92.7243, 76.6033, 73.9061

Complementary

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



61.3166, 76.6033, 49.0903



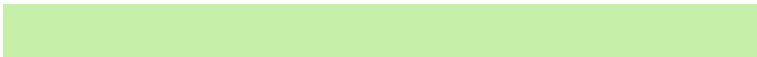
56.3495, 48.3117, 88.0206

Split Complementary

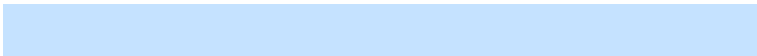
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8693, 76.6033, 102.3779



61.3166, 76.6033, 49.0903



76.3164, 76.6033, 147.7013

Square

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



61.3166, 76.6033, 49.0903



59.5552, 76.6033, 123.2922



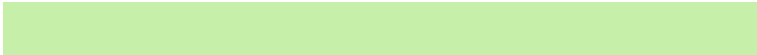
85.6548, 76.6033, 130.8535



87.8967, 76.6033, 53.2120

Rectangle

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



61.3166, 76.6033, 49.0903



55.7026, 76.6033, 84.0293



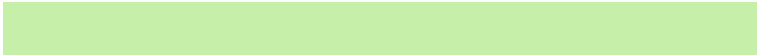
85.6548, 76.6033, 130.8535



93.1020, 76.6033, 82.7897

Sweetspot

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



61.3186, 76.6066, 49.0920



86.7986, 96.1480, 90.3648



65.7665, 67.2292, 47.0475



18.3085, 20.4533, 18.7463



0.0000, 0.0000, 0.0000



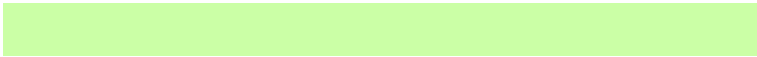
20.3446, 21.4041, 23.3091

Same Dimension

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



61.3186, 76.6066, 49.0920



67.1728, 86.9214, 49.1934



54.9525, 73.2601, 51.7173



16.1862, 17.9762, 16.7664



20.0424, 35.6538, 5.8255



1.7779, 3.0230, 0.4898

Inverse Universe

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



56.3495, 48.3117, 88.0206



60.5628, 49.3115, 100.9338



64.5193, 52.6214, 83.9759



15.7846, 15.6862, 19.9174



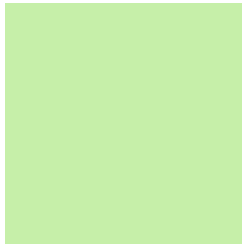
14.7390, 6.6036, 45.6257



1.3390, 0.6075, 3.8009

Previews

White Background



This preview shows how the XYZ color 61.3166, 76.6033, 49.0903 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 61.3166, 76.6033, 49.0903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

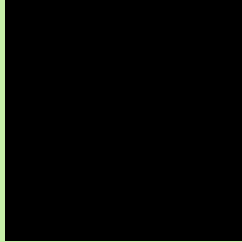
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3166, 76.6033, 49.0903

Background



This preview shows how black text looks on a background with the XYZ color 61.3166, 76.6033, 49.0903.

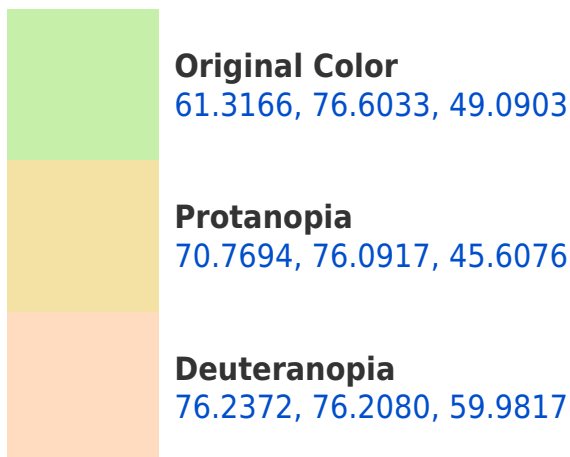


This preview shows how white text looks on a background with the XYZ color 61.3166, 76.6033,

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





Tritanopia

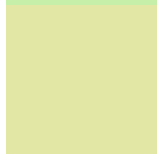
71.3862, 76.4557, 98.9907

Trichromacy



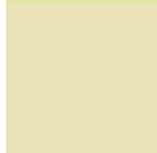
Original Color

61.3166, 76.6033, 49.0903



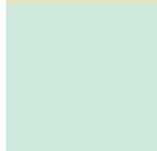
Protanomaly

67.0460, 76.1993, 46.7716



Deuteranomaly

69.9480, 75.8495, 55.7535



Tritanomaly

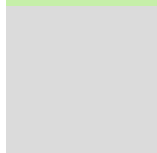
67.3787, 76.5141, 78.2353

Monochromacy



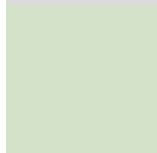
Original Color

61.3166, 76.6033, 49.0903



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

64.6029, 72.4586, 65.8393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3166, 76.6033, 49.0903 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(198, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(198, 239, 169)  
}
```

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(198, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 239, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.3166, 76.6033, 49.0903 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(198, 239, 169) }
```


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

```
.border{ border-color:rgb(198, 239, 169) }
```

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

Here you see how a box with a 4 pixel rgb(198, 239, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(198, 239,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3166, 76.6033, 49.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 239, 169) }
```

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

```
.background{ background-color: rgb(198,  
239, 169) }
```

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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