

Converting Colors

XYZ(60.6110, 76.4479, 48.8680)

Have a look what the booklet for
XYZ(60.6110, 76.4479, 48.8680)
contains.

XYZ(60.5336, 76.1997, 49.0537)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.5336, 76.1997,
49.0537)**

Conversions

Conversions Part 1

Format	Color
Hex	C3EFA9
RGB	195, 239, 169
RGB Percent	76%, 94%, 66%
CMY	0.2353, 0.0627, 0.3372
CMYK	0.18, 0.00, 0.29, 0.06
HSL	98°, 69%, 80%
HSV	98°, 29%, 94%
XYZ	60.5336, 76.1997, 49.0537
YIQ	217.8640, -3.7540, -31.0980

Conversions

Conversions Part 2

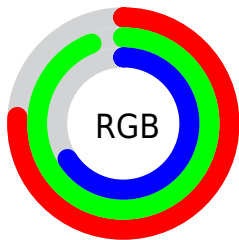
Format	Color
RYB	169, 239, 213
Decimal	12840873
CIELab	89.95, -26.50, 29.36
CIElCh	90, 39.550, 132.078
Yxy	76.1997, 0.3258, 0.4101
Android (android.graphics.Color)	4291030953 (0xFFC3EFA9)
YUV	217.8640, -24.0900, -20.0517
Hunter-Lab	87.2924, -28.9796, 27.7869

Details

The XYZ color **60.5336, 76.1997, 49.0537** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.2118, 48.7563, 88.0610**, and the grayscale version is **66.7112, 70.1854, 76.4318**.

A 20% lighter version of the original color is **89.4955, 97.6517, 85.3659**, and **30.9011, 40.7034, 22.7509** is the 20% darker color. If you saturate the color by 10%, you get **54.8037, 73.4841, 38.1246**, and if you desaturate by 10%, it is **67.0683, 79.2873, 62.1644**.

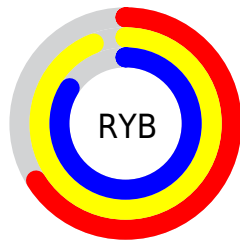
Distribution



Red (76%)

Green (94%)

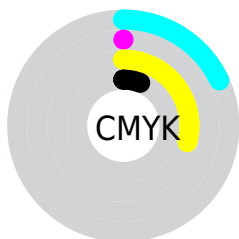
Blue (66%)



Red (66%)

Yellow (94%)

Blue (84%)

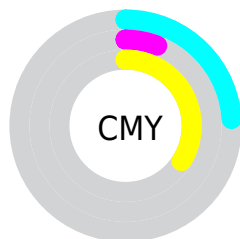


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5336, 76.1997, 49.0537 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 60.5336, 76.1997, 49.0537 by changing the saturation by 10% instead.

60.5336, 76.1997,
49.0537

60.5336, 76.1997,
49.0537

416.3651,
482.0310, 399.5822

44.1000, 56.5963,
34.2962

104.7053,
128.0092, 90.1530

30.9474, 40.6812,
22.8420

133.1741,
160.9840, 117.3319

20.7104, 28.0701,
14.2727

166.3853,
199.1847, 149.4883

13.0237, 18.3785,
8.1697

204.7042,
242.9958, 187.0408

7.5220, 11.2221,
4.1144

248.4964,
292.8015, 230.4079

3.8399, 6.2164,
1.6883


298.1270,

1.6119, 2.9771,


348.9864, 280.0081


0.3527


353.9614,
411.9348, 336.2601


 0.4002, 1.1198,
0.0000


 0.0000, 0.0000,
0.0000

 60.5336, 76.1997,
49.0537


 60.5336, 76.1997,
49.0537


 54.8037, 73.4841,
38.1246


 67.0683, 79.2873,
62.1644


 49.8387, 71.1158,
29.2539

 74.4335, 82.7511,
77.5612

 45.6042, 69.0821,
22.3135

 82.6611, 86.6074,
95.3476

 42.0602, 67.3654,
17.1592

 90.1581, 90.2162,
107.2694

■ 39.1621, 65.9466,
13.6262

■ 36.8588, 64.8035,
11.5196

■ 35.0774, 63.9051,
10.5349

■ 34.9653, 63.8483,
10.4811

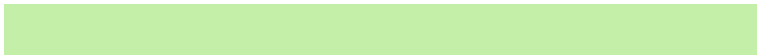
Harmonies

Analogous

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



68.5593, 76.1997, 40.6417



60.5336, 76.1997, 49.0537



55.9569, 76.1997, 67.4659

Triad

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



60.5336, 76.1997, 49.0537



66.7882, 76.1997, 145.5296



92.4275, 76.1997, 72.1960

Complementary

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



60.5336, 76.1997, 49.0537



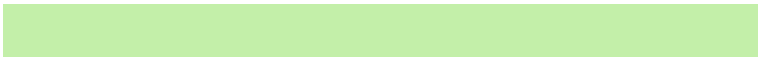
57.2118, 48.7563, 88.0610

Split Complementary

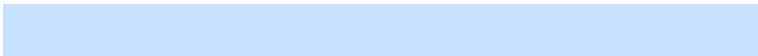
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8445, 76.1997, 100.6808



60.5336, 76.1997, 49.0537



76.4344, 76.1997, 147.6078

Square

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



60.5336, 76.1997, 49.0537



59.3379, 76.1997, 124.5742



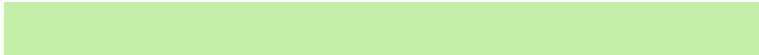
85.7810, 76.1997, 129.7384



87.3086, 76.1997, 51.8418

Rectangle

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



60.5336, 76.1997, 49.0537



55.2020, 76.1997, 84.9377



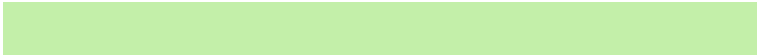
85.7810, 76.1997, 129.7384



92.9038, 76.1997, 81.0300

Sweetspot

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



60.5356, 76.2030, 49.0554



86.4627, 95.9748, 90.3491



66.3463, 68.3888, 47.2408



18.2260, 20.4108, 18.7424



0.0000, 0.0000, 0.0000



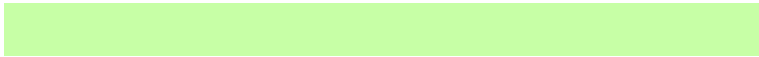
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5356, 76.2030, 49.0554



66.1457, 86.3919, 49.1453



55.1835, 73.3525, 52.9335



16.1204, 17.9422, 16.7633



19.4545, 35.3507, 5.7980



1.7248, 2.9957, 0.4873

Inverse Universe

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



57.2118, 48.7563, 88.0610



61.7202, 49.9081, 100.9880



64.1878, 52.4889, 82.2300



15.8522, 15.7210, 19.9206



15.7345, 7.1169, 45.6723



1.4184, 0.6485, 3.8046

Previews

White Background



This preview shows how the XYZ color 60.5336, 76.1997, 49.0537 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 60.5336, 76.1997, 49.0537 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

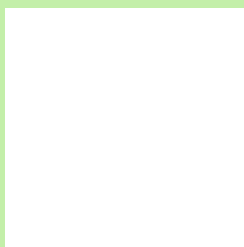
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5336, 76.1997, 49.0537

Background



This preview shows how black text looks on a background with the XYZ color 60.5336, 76.1997, 49.0537.



This preview shows how white text looks on a background with the XYZ color 60.5336, 76.1997,

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

60.5336, 76.1997, 49.0537

Protanopia

70.4982, 75.5495, 45.5172

Deuteranopia

75.7568, 75.5972, 58.7430



Tritanopia

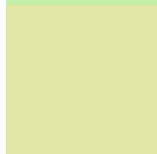
70.5399, 76.0194, 98.9511

Trichromacy



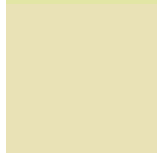
Original Color

60.5336, 76.1997, 49.0537



Protanomaly

66.4524, 75.4790, 46.6638



Deuteranomaly

69.2441, 75.0937, 55.1010



Tritanomaly

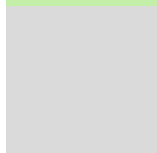
66.5537, 76.0888, 78.1967

Monochromacy



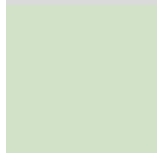
Original Color

60.5336, 76.1997, 49.0537



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

64.2000, 72.2645, 65.2083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5336, 76.1997, 49.0537 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(195, 239, 169)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 239, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 239, 169) }
```

Border

The CSS property to change the border of an element to XYZ 60.5336, 76.1997, 49.0537 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(195, 239, 169) }
```


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

```
.border{ border-color:rgb(195, 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(195, 239, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 239, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 239, 169);  
box-shadow:4px 4px 4px 4px rgb(195, 239,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5336, 76.1997, 49.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 239, 169) }
```

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

```
.background{ background-color: rgb(195,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor