

Converting Colors

XYZ(47.3745, 61.4967, 33.4179)

Have a look what the booklet for
XYZ(47.3745, 61.4967, 33.4179)
contains.

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Color

**XYZ(47.3745, 61.4967,
33.4179)**

Conversions

Conversions Part 1

Format	Color
Hex	AEDB8A
RGB	174, 219, 138
RGB Percent	68%, 86%, 54%
CMY	0.3176, 0.1412, 0.4588
CMYK	0.21, 0.00, 0.37, 0.14
HSL	93°, 53%, 70%
HSV	93°, 37%, 86%
XYZ	47.3745, 61.4967, 33.4179
YIQ	196.3110, -0.8190, -34.7310

Conversions

Conversions Part 2

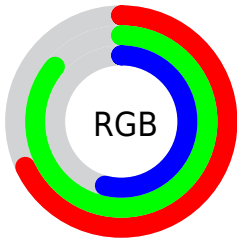
Format	Color
RYB	138, 219, 183
Decimal	11459466
CIELab	82.65, -28.76, 35.17
CIELCh	83, 45.431, 129.273
Yxy	61.4967, 0.3329, 0.4322
Android (android.graphics.Color)	4289649546 (0xFFAEDB8A)
YUV	196.3110, -28.7473, -19.5667
Hunter-Lab	78.4198, -29.4004, 29.6280

Details

The XYZ color **47.3745, 61.4967, 33.4179** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **41.4058, 33.3605, 71.2782**, and the grayscale version is **52.8251, 55.5761, 60.5224**.

A 20% lighter version of the original color is **78.2294, 92.3147, 63.5646**, and **22.7415, 31.2321, 13.8466** is the 20% darker color. If you saturate the color by 10%, you get **43.3574, 59.5928, 25.7715**, and if you desaturate by 10%, it is **51.9600, 63.6605, 42.7623**.

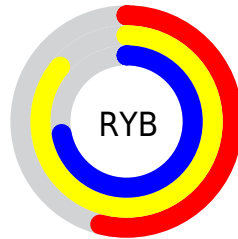
Distribution



Red (68%)

Green (86%)

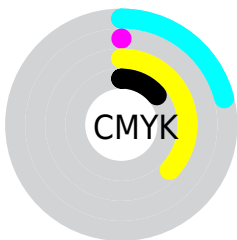
Blue (54%)



Red (54%)

Yellow (86%)

Blue (72%)

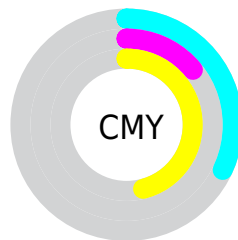


Cyan (21%)

Magenta (0%)

Yellow (37%)

Black (14%)



Cyan (32%)


Magenta (14%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.3745, 61.4967, 33.4179 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 47.3745, 61.4967, 33.4179 by changing the saturation by 10% instead.


 47.3745, 61.4967,
33.4179


 47.3745, 61.4967,
33.4179


366.9314,
430.0928, 332.2182


 33.5410, 44.6261,
22.1730


 85.4877, 106.9978,
66.1509

 22.7024, 31.1631,
13.7846


 110.4981,
136.3971, 88.4762

 14.4934, 20.7230,
7.8339

 139.9649,
170.7415, 115.3320

 8.5486, 12.9217,
3.9026

174.2534,
210.4153, 147.1369

 4.5027, 7.3747,
1.5721

213.7289,
255.8029, 184.3094

 1.9903, 3.6975,
0.2708

258.7568,

 0.6285, 1.5058,

307.2888, 227.2681

0.0000

309.7026,
365.2573, 276.4315

■ 0.0000, 0.2928,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 47.3745, 61.4967,
33.4179

■ 47.3745, 61.4967,
33.4179

■ 43.3574, 59.5928,
25.7715

■ 51.9600, 63.6605,
42.7623

■ 39.8783, 57.9297,
19.7168


■ 57.1333, 66.0864,
53.8942


■ 36.9105, 56.4979,
15.1423


■ 62.9184, 68.7868,
66.9017


■ 34.4228, 55.2842,
11.9197


■ 69.3364, 71.7708,
81.8659


 32.3793, 54.2733,
9.8995

 76.4073, 75.0471,
98.8631

 30.7351, 53.4464,
8.8858

 81.7431, 77.6611,
105.2895

 30.2975, 53.2250,
8.6766

 84.6228, 79.1456,
105.4243

Harmonies

Analogous

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



55.4832, 61.4967, 26.7361



47.3745, 61.4967, 33.4179



42.6201, 61.4967, 49.7077

Triad

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



47.3745, 61.4967, 33.4179



52.0674, 61.4967, 130.7280



78.9606, 61.4967, 58.6795

Complementary

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



47.3745, 61.4967, 33.4179



41.4058, 33.3605, 71.2782

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.



77.7839, 61.4967, 87.8018



47.3745, 61.4967, 33.4179



61.5223, 61.4967, 135.1053

Square

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



47.3745, 61.4967, 33.4179



45.1131, 61.4967, 106.9941



71.1315, 61.4967, 117.6807



74.1879, 61.4967, 38.4121

Rectangle

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



47.3745, 61.4967, 33.4179



41.6464, 61.4967, 66.2812



71.1315, 61.4967, 117.6807



79.2583, 61.4967, 67.6423

Sweetspot

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



47.3760, 61.4994, 33.4192



85.3553, 95.4864, 86.5689



50.6441, 50.5791, 31.1392



18.0300, 20.3262, 17.9904



0.0000, 0.0000, 0.0000



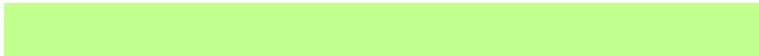
20.3446, 21.4041, 23.3091

Same Dimension

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



47.3760, 61.4994, 33.4192



62.6091, 84.7902, 38.9735



40.7009, 58.0237, 34.6664



13.4331, 14.8880, 13.8912



18.0858, 31.6210, 5.1503



1.2698, 2.0991, 0.3382

Inverse Universe

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



41.4058, 33.3605, 71.2782



53.0573, 39.8037, 99.4942



50.5637, 38.1424, 68.9568



13.0271, 12.9721, 16.4694



12.4414, 5.5379, 40.1516



0.9046, 0.4096, 2.6058

Previews

White Background



This preview shows how the XYZ color 47.3745, 61.4967, 33.4179 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 47.3745, 61.4967, 33.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

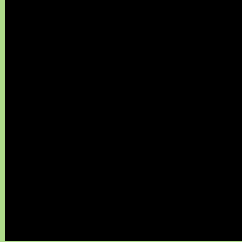
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.3745, 61.4967, 33.4179

Background



This preview shows how black text looks on a background with the XYZ color 47.3745, 61.4967, 33.4179.



This preview shows how white text looks on a background with the XYZ color 47.3745, 61.4967,

33.4179.

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

47.3745, 61.4967, 33.4179

Protanopia

56.4276, 61.0166, 30.6331

Deuteranopia

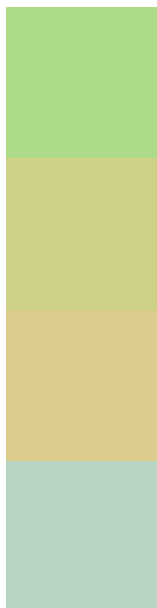
62.0061, 60.6961, 34.4341



Tritanopia

56.6400, 61.1128, 80.0449

Trichromacy



Original Color

47.3745, 61.4967, 33.4179

Protanomaly

52.5265, 60.7936, 31.5201

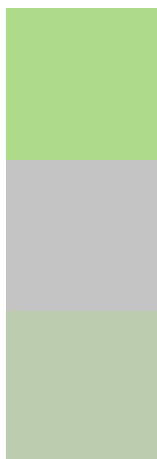
Deuteranomaly

55.6140, 60.1689, 33.8819

Tritanomaly

52.4605, 60.8823, 59.4386

Monochromacy



Original Color

47.3745, 61.4967, 33.4179

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

50.0698, 56.9722, 48.9152

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.3745, 61.4967, 33.4179 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(174, 219, 138)` looks like.

```
.text, #text, p{  
    color:rgb(174, 219, 138)  
}
```

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(174, 219, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 219, 138) }
```

Border

The CSS property to change the border of an element to XYZ 47.3745, 61.4967, 33.4179 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(174, 219, 138) }
```


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

```
.border{ border-color:rgb(174, 219, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 219, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 219, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 219, 138);  
box-shadow:4px 4px 4px 4px rgb(174, 219,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 47.3745, 61.4967, 33.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 219, 138) }
```

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

```
.background{ background-color: rgb(174,  
219, 138) }
```

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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