

Converting Colors

XYZ(35.4731, 43.7642, 19.1481)

Have a look what the booklet for
XYZ(35.4731, 43.7642, 19.1481)
contains.

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Color

**XYZ(35.4731, 43.7642,
19.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B966
RGB	166, 185, 102
RGB Percent	65%, 73%, 40%
CMY	0.3490, 0.2745, 0.6000
CMYK	0.10, 0.00, 0.45, 0.27
HSL	74°, 37%, 56%
HSV	74°, 45%, 73%
XYZ	35.4731, 43.7642, 19.1481
YIQ	169.8570, 15.3190, -29.8410

Conversions

Conversions Part 2

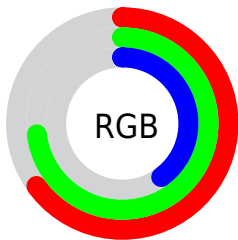
Format	Color
RYB	102, 185, 121
Decimal	10926438
CIELab	72.07, -19.62, 39.79
CIELCh	72, 44.370, 116.251
Yxy	43.7642, 0.3606, 0.4448
Android (android.graphics.Color)	4289116518 (0xFFA6B966)
YUV	169.8570, -33.4535, -3.3826
Hunter-Lab	66.1545, -20.0559, 29.1470

Details

The XYZ color **35.4731, 43.7642, 19.1481** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **21.3952, 17.0716, 48.0690**, and the grayscale version is **38.2942, 40.2885, 43.8742**.

A 20% lighter version of the original color is **67.4122, 80.7733, 42.6097**, and **15.5532, 20.1952, 6.3271** is the 20% darker color. If you saturate the color by 10%, you get **33.7831, 42.9888, 14.8027**, and if you desaturate by 10%, it is **37.3993, 44.6405, 24.5751**.

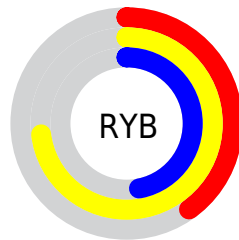
Distribution



Red (65%)

Green (73%)

Blue (40%)



Red (40%)

Yellow (73%)

Blue (47%)

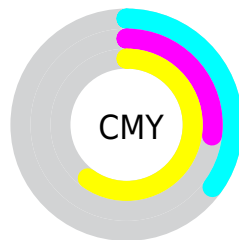


Cyan (10%)

Magenta (0%)

Yellow (45%)

Black (27%)



Cyan (35%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4731, 43.7642, 19.1481 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 35.4731, 43.7642, 19.1481 by changing the saturation by 10% instead.

■ 35.4731, 43.7642,
19.1481

■ 35.4731, 43.7642,
19.1481

318.1232,
361.7452, 259.7151

■ 24.1958, 30.4852,
11.5994

■ 67.5472, 80.8628,
42.8242

■ 15.6044, 20.2071,
6.3523

■ 89.0747, 105.4512,
59.7888

■ 9.3337, 12.5457,
2.9883

■ 114.7497,
134.5781, 80.7291

■ 5.0183, 7.1165,
1.0886

■ 144.9374,
168.6280, 106.0636

■ 2.2929, 3.5350,
0.0000

180.0032,
207.9853, 136.2109

■ 0.7910, 1.4170,
0.0000

220.3126,

■ 0.0000, 0.2292,

253.0343, 171.5896

0.0000

266.2308,
304.1595, 212.6181

■ 0.0000, 0.0000,
0.0000

■ 35.4731, 43.7642,
19.1481

■ 35.4731, 43.7642,
19.1481

■ 33.7831, 42.9888,
14.8027

■ 37.3993, 44.6405,
24.5751

■ 32.3120, 42.3028,
11.4635

■ 39.5712, 45.6170,
31.1467

■ 31.0450, 41.7018,
9.0499


■ 42.0018, 46.7003,
38.9246


■ 29.9642, 41.1785,
7.4676


■ 44.7019, 47.8950,
47.9651


■ 29.0473, 40.7240,
6.6024


■ 47.6818, 49.2051,
58.3210

 28.6162, 40.5078,
6.3106

 50.9514, 50.6345,
70.0422

 54.5197, 52.1871,
83.1759

 58.3956, 53.8662,
97.7669

 60.3356, 54.7747,
102.0003

Harmonies

Analogous

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



42.5577, 43.7642, 16.9415



35.4731, 43.7642, 19.1481



30.6094, 43.7642, 28.0082

Triad

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



35.4731, 43.7642, 19.1481



34.0081, 43.7642, 91.5065



57.9145, 43.7642, 50.4359

Complementary

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



35.4731, 43.7642, 19.1481



21.3952, 17.0716, 48.0690

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.



54.9410, 43.7642, 74.8301



35.4731, 43.7642, 19.1481



40.6500, 43.7642, 102.6698

Square

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



35.4731, 43.7642, 19.1481



29.8385, 43.7642, 68.6183



48.3870, 43.7642, 95.7919



56.0972, 43.7642, 31.4609

Rectangle

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



35.4731, 43.7642, 19.1481



28.9765, 43.7642, 38.3971



48.3870, 43.7642, 95.7919



57.4336, 43.7642, 58.2855

Sweetspot

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



35.4742, 43.7662, 19.1490



75.9859, 83.9749, 72.2267



29.1219, 24.7038, 15.8044



16.1623, 18.0062, 14.8520



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.4742, 43.7662, 19.1490



60.4969, 76.9861, 26.4980



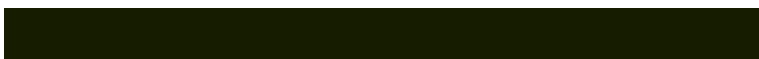
28.2818, 40.0584, 18.8124



9.5437, 10.3969, 9.6107



19.5497, 27.6146, 4.2998



0.7392, 0.9993, 0.1539

Inverse Universe

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



21.3952, 17.0716, 48.0690



32.0861, 23.0486, 84.9623



28.3054, 20.6340, 48.3923



8.7084, 8.8160, 11.3221



6.6769, 2.7533, 31.4326



0.2906, 0.1255, 1.1107

Previews

White Background



This preview shows how the XYZ color 35.4731, 43.7642, 19.1481 looks on a white background.

Color Contrast Check

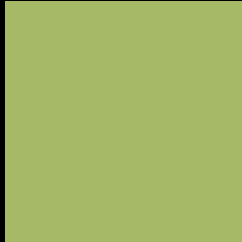
Large Text (above 18pt) WCAG AA × Fail

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 35.4731, 43.7642, 19.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

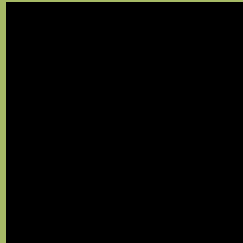
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4731, 43.7642, 19.1481

Background



This preview shows how black text looks on a background with the XYZ color 35.4731, 43.7642, 19.1481.



This preview shows how white text looks on a background with the XYZ color 35.4731, 43.7642,

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

35.4731, 43.7642, 19.1481

Protanopia

40.0256, 43.4209, 18.0759

Deuteranopia

44.3357, 43.3420, 19.6648



Tritanopia

42.6467, 43.6812, 54.3277

Trichromacy



Original Color

35.4731, 43.7642, 19.1481

Protanomaly

38.1875, 43.3506, 18.4114

Deuteranomaly

40.7118, 43.1623, 19.5500

Tritanomaly

39.4395, 43.5588, 38.2273

Monochromacy



Original Color

35.4731, 43.7642, 19.1481

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.8030, 41.1393, 32.7890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4731, 43.7642, 19.1481 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(166, 185, 102)` looks like.

```
.text, #text, p{  
    color:rgb(166, 185, 102)  
}
```

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(166, 185, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 185, 102) }
```

Border

The CSS property to change the border of an element to XYZ 35.4731, 43.7642, 19.1481 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(166, 185, 102) }
```


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

```
.border{ border-color:rgb(166, 185, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 185, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 185, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 185, 102);  
box-shadow:4px 4px 4px 4px rgb(166, 185,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4731, 43.7642, 19.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 185, 102) }
```

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

```
.background{ background-color: rgb(166,  
185, 102) }
```

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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