

Converting Colors

XYZ(43.6263, 61.5526, 14.7673)

Have a look what the booklet for
XYZ(43.6263, 61.5526, 14.7673)
contains.

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Color

**XYZ(43.5195, 61.4935,
14.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DF42
RGB	168, 223, 66
RGB Percent	66%, 87%, 26%
CMY	0.3412, 0.1255, 0.7412
CMYK	0.25, 0.00, 0.70, 0.13
HSL	81°, 71%, 57%
HSV	81°, 70%, 87%
XYZ	43.5195, 61.4935, 14.7300
YIQ	188.6570, 17.6170, -60.4870

Conversions

Conversions Part 2

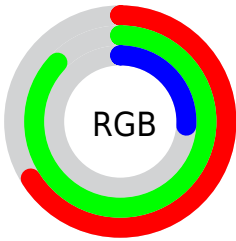
Format	Color
RYB	66, 223, 121
Decimal	11067202
CIELab	82.64, -39.81, 67.40
CIELCh	83, 78.283, 120.567
Yxy	61.4935, 0.3634, 0.5135
Android (android.graphics.Color)	4289257282 (0xFFA8DF42)
YUV	188.6570, -60.4699, -18.1162
Hunter-Lab	78.4178, -38.1690, 43.7554

Details

The XYZ color **43.5195, 61.4935, 14.7300** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **23.1552, 13.2908, 71.1605**, and the grayscale version is **48.5028, 51.0287, 55.5703**.

A 20% lighter version of the original color is **71.0137, 89.2810, 32.2290**, and **20.5582, 31.3848, 4.9743** is the 20% darker color. If you saturate the color by 10%, you get **41.3727, 60.4505, 11.8415**, and if you desaturate by 10%, it is **46.0254, 62.6960, 18.9749**.

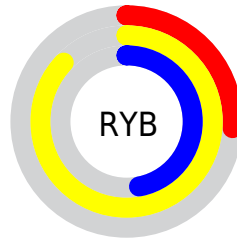
Distribution



Red (66%)

Green (87%)

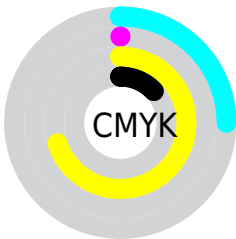
Blue (26%)



Red (26%)

Yellow (87%)

Blue (47%)

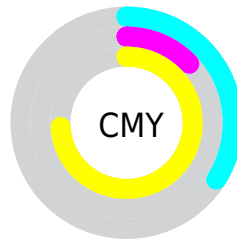


Cyan (25%)

Magenta (0%)

Yellow (70%)

Black (13%)



Cyan (34%)


Magenta (13%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5195, 61.4935, 14.7300 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 43.5195, 61.4935, 14.7300 by changing the saturation by 10% instead.


 43.5195, 61.4935,
14.7300


 43.5195, 61.4935,
14.7300


351.6293,
430.0811, 233.3103


 30.4892, 44.6236,
8.4856


 79.7451, 106.9932,
35.1144

 20.3601, 31.1610,
4.3150


 103.6710,
136.3917, 50.0915


 12.7669, 20.7215,
1.7997


 131.9596,
170.7352, 68.8165

 7.3441, 12.9206,
0.4278

 164.9762,
210.4080, 91.7081

 3.7265, 7.3739,
0.0000

 203.0861,
255.7947, 119.1847

 1.5486, 3.6970,
0.0000

246.6547,

 0.3585, 1.5056,

307.2795, 151.6649

0.0000

296.0473,
365.2468, 189.5673

■ 0.0000, 0.2926,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.5195, 61.4935,
14.7300

■ 43.5195, 61.4935,
14.7300

■ 41.3727, 60.4505,
11.8415

■ 46.0254, 62.6960,
18.9749


■ 39.5471, 59.5452,
10.1383

■ 48.9143, 64.0613,
24.7127


■ 38.0439, 58.7863,
9.3418

■ 52.2127, 65.6023,
32.0673


■ 55.9430, 67.3282,
41.1490

 60.1259, 69.2474,
52.0582

 64.7805, 71.3678,
64.8875

 69.9248, 73.6968,
79.7235

 75.5756, 76.2411,
96.6473

 79.8055, 78.2301,
105.5015

Harmonies

Analogous

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



58.1289, 61.4935, 10.5277



43.5195, 61.4935, 14.7300



34.5988, 61.4935, 31.0238

Triad

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



43.5195, 61.4935, 14.7300



43.9755, 61.4935, 184.0726



97.0373, 61.4935, 66.0454

Complementary

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



43.5195, 61.4935, 14.7300



23.1552, 13.2908, 71.1605

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.



91.3136, 61.4935, 123.4414



43.5195, 61.4935, 14.7300



58.7677, 61.4935, 208.4890

Square

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



43.5195, 61.4935, 14.7300



34.8245, 61.4935, 125.8388



76.4503, 61.4935, 182.2834



90.8843, 61.4935, 30.0848

Rectangle

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



43.5195, 61.4935, 14.7300



32.0350, 61.4935, 52.9170



76.4503, 61.4935, 182.2834



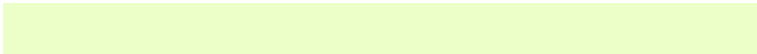
96.4287, 61.4935, 83.2812

Sweetspot

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



43.5209, 61.4962, 14.7313



81.0270, 93.6320, 69.3385



38.2485, 29.7461, 8.8808



16.9949, 19.8817, 13.9178



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.



43.5209, 61.4962, 14.7313



54.9685, 81.3765, 14.8897



31.5459, 55.3229, 14.1709



14.3814, 15.7768, 14.5940



22.4947, 34.6290, 5.4985



1.6549, 2.4496, 0.3856

Inverse Universe

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



23.1552, 13.2908, 71.1605



26.0180, 12.4945, 95.6481



38.9426, 21.4295, 71.8994



13.4028, 13.4757, 17.2823



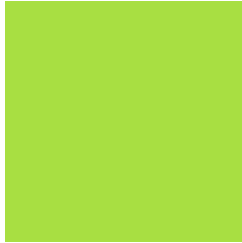
9.7959, 4.1453, 41.3322



0.7736, 0.3361, 2.8693

Previews

White Background



This preview shows how the XYZ color 43.5195, 61.4935, 14.7300 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 43.5195, 61.4935, 14.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

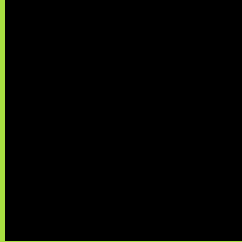
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5195, 61.4935, 14.7300

Background



This preview shows how black text looks on a background with the XYZ color 43.5195, 61.4935, 14.7300.

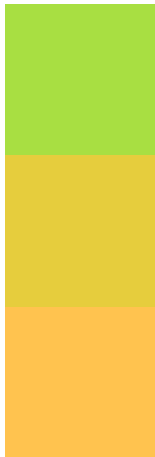


This preview shows how white text looks on a background with the XYZ color 43.5195, 61.4935,

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

43.5195, 61.4935, 14.7300

Protanopia

55.3068, 60.8226, 13.2398

Deuteranopia

62.1664, 60.8547, 15.8668



Tritanopia

56.6400, 61.1128, 80.0449

Trichromacy



Original Color

43.5195, 61.4935, 14.7300

Protanomaly

50.1728, 60.7112, 13.7767

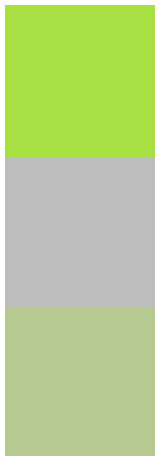
Deuteranomaly

53.4988, 59.8450, 15.2101

Tritanomaly

49.5917, 60.0818, 45.5424

Monochromacy



Original Color

43.5195, 61.4935, 14.7300

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

44.9767, 53.6107, 34.3629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5195, 61.4935, 14.7300 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(168, 223, 66)` looks like.

```
.text, #text, p{  
    color:rgb(168, 223, 66)  
}
```

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(168, 223, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 223, 66) }
```

Border

The CSS property to change the border of an element to XYZ 43.5195, 61.4935, 14.7300 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(168, 223, 66) }
```


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

```
.border{ border-color:rgb(168, 223, 66) }
```

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

Here you see how a box with a 4 pixel rgb(168, 223, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 223, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 223, 66);  
box-shadow:4px 4px 4px 4px rgb(168, 223,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5195, 61.4935, 14.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 223, 66) }
```

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

```
.background{ background-color: rgb(168,  
223, 66) }
```

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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