

Converting Colors

XYZ(43.6103, 61.2026, 15.7622)

Have a look what the booklet for
XYZ(43.6103, 61.2026, 15.7622)
contains.

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Color

**XYZ(43.4723, 61.0484,
15.7956)**

Conversions

Conversions Part 1

Format	Color
Hex	A8DE49
RGB	168, 222, 73
RGB Percent	66%, 87%, 29%
CMY	0.3412, 0.1294, 0.7137
CMYK	0.24, 0.00, 0.67, 0.13
HSL	82°, 69%, 58%
HSV	82°, 67%, 87%
XYZ	43.4723, 61.0484, 15.7956
YIQ	188.8680, 15.6450, -57.7870

Conversions

Conversions Part 2

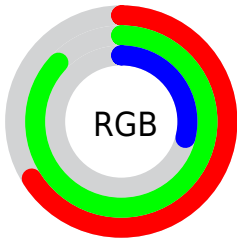
Format	Color
RYB	73, 222, 127
Decimal	11066953
CIELab	82.40, -38.92, 64.57
CIElCh	82, 75.397, 121.079
Yxy	61.0484, 0.3613, 0.5074
Android (android.graphics.Color)	4289257033 (0xFFA8DE49)
YUV	188.8680, -57.1229, -18.3012
Hunter-Lab	78.1335, -37.4188, 42.7073

Details

The XYZ color **43.4723, 61.0484, 15.7956** 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 **24.3223, 14.5527, 70.6378**, and the grayscale version is **48.6059, 51.1372, 55.6884**.

A 20% lighter version of the original color is **71.0865, 89.2737, 34.2538**, and **20.3743, 31.0169, 4.9130** is the 20% darker color. If you saturate the color by 10%, you get **41.2037, 59.9512, 12.5095**, and if you desaturate by 10%, it is **46.1125, 62.3107, 20.4723**.

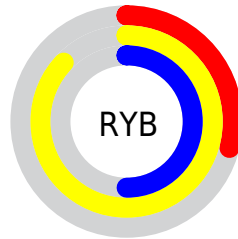
Distribution



Red (66%)

Green (87%)

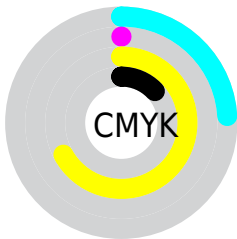
Blue (29%)



Red (29%)

Yellow (87%)

Blue (50%)

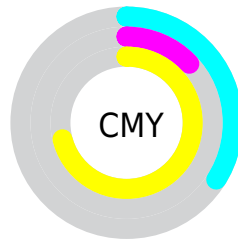


Cyan (24%)

Magenta (0%)

Yellow (67%)

Black (13%)



Cyan (34%)

Magenta (13%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4723, 61.0484, 15.7956 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 43.4723, 61.0484, 15.7956 by changing the saturation by 10% instead.

■ 43.4723, 61.0484,
15.7956

■ 43.4723, 61.0484,
15.7956

351.4392,
428.4514, 239.9369

■ 30.4520, 44.2642,
9.2268

■ 79.6744, 106.3490,
37.0048

■ 20.3317, 30.8783,
4.7906

■ 103.5868,
135.6342, 52.4824

■ 12.7460, 20.5062,
2.0684

■ 131.8607,
169.8553, 71.7666

■ 7.3297, 12.7635,
0.5968

■ 164.8614,
209.3965, 95.2761

■ 3.7173, 7.2659,
0.0000

■ 202.9543,
254.6424, 123.4293

■ 1.5435, 3.6290,
0.0000

246.5046,

■ 0.3551, 1.4682,

305.9772, 156.6448

0.0000

295.8778,
363.7854, 195.3412

■ 0.0000, 0.2662,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.4723, 61.0484,
15.7956

■ 43.4723, 61.0484,
15.7956

■ 41.2037, 59.9512,
12.5095

■ 46.1125, 62.3107,
20.4723

■ 39.2709, 58.9983,
10.4549


■ 49.1468, 63.7410,
26.6679


■ 37.6348, 58.1759,
9.4294


■ 52.6008, 65.3518,
34.5008


■ 37.1990, 57.9553,
9.2259


■ 56.4962, 67.1520,
44.0764

 60.8530, 69.1499,
55.4914

 65.6900, 71.3531,
68.8353

 71.0246, 73.7688,
84.1918

 76.8734, 76.4038,
101.6396

 80.2503, 78.0639,
105.4459

Harmonies

Analogous

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



57.4441, 61.0484, 11.4056



43.4723, 61.0484, 15.7956



34.9361, 61.0484, 32.1654

Triad

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



43.4723, 61.0484, 15.7956



44.3099, 61.0484, 178.1209



94.7864, 61.0484, 64.8169

Complementary

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



43.4723, 61.0484, 15.7956



24.3223, 14.5527, 70.6378

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.



89.5412, 61.0484, 119.1981



43.4723, 61.0484, 15.7956



58.6092, 61.0484, 200.2723

Square

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



43.4723, 61.0484, 15.7956



35.3531, 61.0484, 123.5144



75.5085, 61.0484, 174.9215



88.7655, 61.0484, 30.4169

Rectangle

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



43.4723, 61.0484, 15.7956



32.5098, 61.0484, 53.6540



75.5085, 61.0484, 174.9215



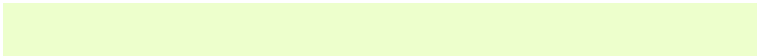
94.2757, 61.0484, 81.1829

Sweetspot

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



43.4737, 61.0511, 15.7969



81.4224, 93.8008, 70.9407



38.6817, 30.7180, 10.1946



17.0641, 19.9105, 14.2286



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.



43.4737, 61.0511, 15.7969



55.1568, 81.4567, 15.6609



32.0816, 55.1783, 15.2638



14.3648, 15.7682, 14.5932



22.2201, 34.4874, 5.4856



1.6372, 2.4405, 0.3848

Inverse Universe

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



24.3223, 14.5527, 70.6378



27.3389, 13.6051, 95.7929



39.2957, 22.2718, 71.3385



13.4187, 13.4839, 17.2831



9.9312, 4.2150, 41.3385



0.7842, 0.3415, 2.8698

Previews

White Background



This preview shows how the XYZ color 43.4723, 61.0484, 15.7956 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 43.4723, 61.0484, 15.7956 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 43.4723, 61.0484, 15.7956

Background



This preview shows how black text looks on a background with the XYZ color 43.4723, 61.0484, 15.7956.



This preview shows how white text looks on a background with the XYZ color 43.4723, 61.0484,

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

43.4723, 61.0484, 15.7956

Protanopia

55.1878, 60.7380, 14.2837

Deuteranopia

61.6878, 60.2636, 16.3634



Tritanopia

56.2601, 60.9327, 79.3170

Trichromacy



Original Color

43.4723, 61.0484, 15.7956

Protanomaly

50.1319, 60.2961, 14.7904

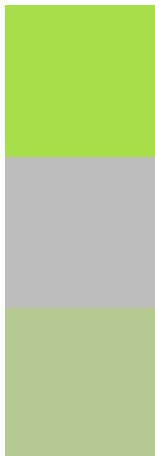
Deuteranomaly

53.4356, 59.4382, 16.0535

Tritanomaly

49.5461, 60.0368, 46.5130

Monochromacy



Original Color

43.4723, 61.0484, 15.7956

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

45.2092, 53.7036, 35.5868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4723, 61.0484, 15.7956 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, 222, 73)` looks like.

```
.text, #text, p{  
    color:rgb(168, 222, 73)  
}
```

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, 222, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 222, 73) }
```

Border

The CSS property to change the border of an element to XYZ 43.4723, 61.0484, 15.7956 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, 222, 73) }
```


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

```
.border{ border-color:rgb(168, 222, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 222, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 222, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 222, 73);  
box-shadow:4px 4px 4px 4px rgb(168, 222,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4723, 61.0484, 15.7956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 222, 73) }
```

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

```
.background{ background-color: rgb(168,  
222, 73) }
```

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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