

Converting Colors

XYZ(43.2293, 56.9933, 13.8168)

Have a look what the booklet for
XYZ(43.2293, 56.9933, 13.8168)
contains.

XYZ(43.3492, 57.1836, 13.9071)	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(43.3492, 57.1836,
13.9071)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D442
RGB	180, 212, 66
RGB Percent	71%, 83%, 26%
CMY	0.2941, 0.1686, 0.7412
CMYK	0.15, 0.00, 0.69, 0.17
HSL	73°, 63%, 55%
HSV	73°, 69%, 83%
XYZ	43.3492, 57.1836, 13.9071
YIQ	185.7880, 27.7940, -52.1900

Conversions

Conversions Part 2

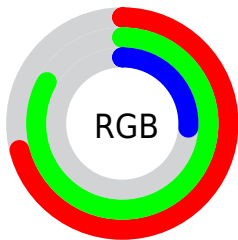
Format	Color
RYB	66, 212, 98
Decimal	11850818
CIELab	80.28, -30.14, 65.28
CIElCh	80, 71.904, 114.781
Yxy	57.1836, 0.3788, 0.4997
Android (android.graphics.Color)	4290040898 (0xFFB4D442)
YUV	185.7880, -59.0555, -5.0761
Hunter-Lab	75.6198, -30.0093, 42.0300

Details

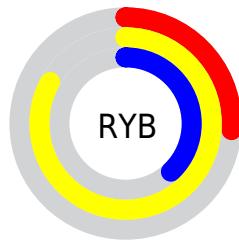
The XYZ color **43.3492, 57.1836, 13.9071** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **18.8711, 11.2481, 63.4673**, and the grayscale version is **46.8641, 49.3047, 53.6928**.

A 20% lighter version of the original color is **74.8695, 91.2759, 32.0843**, and **20.2253, 28.3249, 4.4013** is the 20% darker color. If you saturate the color by 10%, you get **41.7729, 56.4322, 11.1538**, and if you desaturate by 10%, it is **45.1960, 58.0515, 17.8840**.

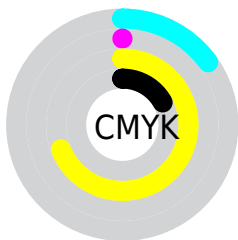
Distribution



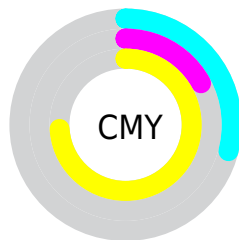
- Red (71%)
- Green (83%)
- Blue (26%)



- Red (26%)
- Yellow (83%)
- Blue (38%)



- Cyan (15%)
- Magenta (0%)
- Yellow (69%)
- Black (17%)



- Cyan (29%)
- Magenta (17%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3492, 57.1836, 13.9071 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 43.3492, 57.1836, 13.9071 by changing the saturation by 10% instead.

■ 43.3492, 57.1836,
13.9071

■ 43.3492, 57.1836,
13.9071

350.9431,
414.1369, 228.0604

■ 30.3549, 41.1527,
7.9181

■ 79.4900, 100.7330,
33.6389

■ 20.2575, 28.4384,
3.9555

■ 103.3672,
129.0203, 48.2187

■ 12.6917, 18.6564,
1.6010

■ 131.6027,
162.1619, 66.4991

■ 7.2922, 11.4223,
0.2915

■ 164.5620,
200.5420, 88.8988

■ 3.6934, 6.3516,
0.0000

■ 202.6103,
244.5452, 115.8362

■ 1.5302, 3.0600,
0.0000

246.1130,

■ 0.3462, 1.1632,

294.5558, 147.7300

0.0000

295.4355,
350.9583, 184.9985

■ 0.0000, 0.0313,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3492, 57.1836,
13.9071

■ 43.3492, 57.1836,
13.9071

■ 41.7729, 56.4322,
11.1538

■ 45.1960, 58.0515,
17.8840

■ 40.4358, 55.7786,
9.4779

■ 47.3326, 59.0374,
23.2017

■ 39.2957, 55.2079,
8.6541

■ 49.7809, 60.1524,
29.9679

■ 39.1722, 55.1458,
8.5796

■ 52.5595, 61.4037,
38.2781

■ 55.6851, 62.7982,
48.2201

■ 59.1737, 64.3423,
59.8746

■ 63.0397, 66.0418,
73.3173

■ 67.2971, 67.9023,
88.6192

■ 71.6661, 69.8119,
104.3056

Harmonies

Analogous

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



56.9618, 57.1836, 11.4489



43.3492, 57.1836, 13.9071



34.3846, 57.1836, 26.2886

Triad

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



43.3492, 57.1836, 13.9071



39.6328, 57.1836, 154.5089



87.6180, 57.1836, 69.9166

Complementary

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



43.3492, 57.1836, 13.9071



18.8711, 11.2481, 63.4673

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.



80.8515, 57.1836, 121.5488



43.3492, 57.1836, 13.9071



51.8218, 57.1836, 182.5871

Square

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



43.3492, 57.1836, 13.9071



32.5253, 57.1836, 102.7051



67.0732, 57.1836, 168.3951



84.2467, 57.1836, 34.1352

Rectangle

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



43.3492, 57.1836, 13.9071



31.3949, 57.1836, 43.3477



67.0732, 57.1836, 168.3951



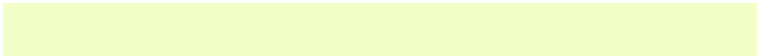
86.4224, 57.1836, 86.0087

Sweetspot

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



43.3505, 57.1862, 13.9083



83.4079, 94.8594, 69.4499



32.4703, 23.0591, 7.8946



17.5652, 20.1757, 13.9445



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.



43.3505, 57.1862, 13.9083



62.3846, 85.1944, 15.4755



30.6365, 50.6319, 13.3133



13.1941, 14.3763, 13.2402



24.2702, 34.0881, 5.3005



1.5313, 2.0908, 0.3229

Inverse Universe

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



18.8711, 11.2481, 63.4673



23.1186, 11.1343, 95.5384



30.5488, 17.2682, 64.0138



11.9946, 12.1386, 15.6483



8.1157, 3.3363, 38.6694



0.5615, 0.2383, 2.3357

Previews

White Background



This preview shows how the XYZ color 43.3492, 57.1836, 13.9071 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 43.3492, 57.1836, 13.9071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

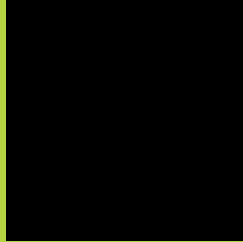
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3492, 57.1836, 13.9071

Background



This preview shows how black text looks on a background with the XYZ color 43.3492, 57.1836, 13.9071.



This preview shows how white text looks on a background with the XYZ color 43.3492, 57.1836,

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

43.3492, 57.1836, 13.9071

Protanopia

51.7521, 56.8937, 12.9566

Deuteranopia

58.1450, 56.8461, 14.3864



Tritanopia

55.0966, 56.9790, 71.7125

Trichromacy



Original Color

43.3492, 57.1836, 13.9071

Protanomaly

48.2504, 56.8213, 13.2750

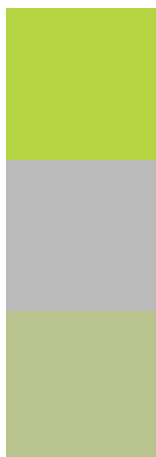
Deuteranomaly

51.5350, 56.0754, 14.0687

Tritanomaly

48.9363, 56.1971, 41.5256

Monochromacy



Original Color

43.3492, 57.1836, 13.9071

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

44.1648, 51.1736, 33.1409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3492, 57.1836, 13.9071 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(180, 212, 66)` looks like.

```
.text, #text, p{  
    color:rgb(180, 212, 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(180, 212, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 212, 66) }
```

Border

The CSS property to change the border of an element to XYZ 43.3492, 57.1836, 13.9071 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(180, 212, 66) }
```


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

```
.border{ border-color:rgb(180, 212, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 212, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 212, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 212, 66);  
box-shadow:4px 4px 4px 4px rgb(180, 212,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3492, 57.1836, 13.9071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 212, 66) }
```

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

```
.background{ background-color: rgb(180,  
212, 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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