

Converting Colors

XYZ(43.6542, 58.1614, 14.1421)

Have a look what the booklet for
XYZ(43.6542, 58.1614, 14.1421)
contains.

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Color

**XYZ(43.6203, 58.0702,
14.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	B3D642
RGB	179, 214, 66
RGB Percent	70%, 84%, 26%
CMY	0.2980, 0.1608, 0.7412
CMYK	0.16, 0.00, 0.69, 0.16
HSL	74°, 64%, 55%
HSV	74°, 69%, 84%
XYZ	43.6203, 58.0702, 14.0639
YIQ	186.6630, 26.6480, -53.4480

Conversions

Conversions Part 2

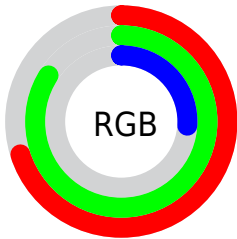
Format	Color
R_{YB}	66, 214, 101
Decimal	11785794
CIE Lab	80.78, -31.47, 65.76
CIE LCh	81, 72.903, 115.575
Yxy	58.0702, 0.3768, 0.5017
Android (android.graphics.Color)	4289975874 (0xFFB3D642)
YUV	186.6630, -59.4869, -6.7205
Hunter-Lab	76.2038, -31.1804, 42.4003

Details

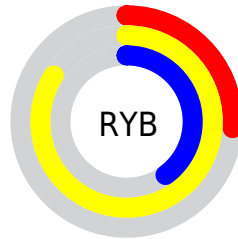
The XYZ color **43.6203, 58.0702, 14.0639** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **19.4549, 11.5197, 64.8200**, and the grayscale version is **47.3596, 49.8260, 54.2605**.

A 20% lighter version of the original color is **74.5327, 91.1023, 32.0686**, and **20.4242, 28.9338, 4.5083** is the 20% darker color. If you saturate the color by 10%, you get **41.9556, 57.2737, 11.2865**, and if you desaturate by 10%, it is **45.5666, 58.9884, 18.0883**.

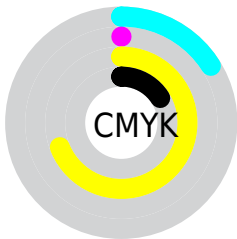
Distribution



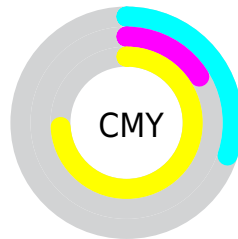
- Red (70%)
- Green (84%)
- Blue (26%)



- Red (26%)
- Yellow (84%)
- Blue (40%)



- Cyan (16%)
- Magenta (0%)
- Yellow (69%)
- Black (16%)





- Cyan (30%)
- Magenta (16%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6203, 58.0702, 14.0639 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 43.6203, 58.0702, 14.0639 by changing the saturation by 10% instead.


 43.6203, 58.0702,
14.0639


 43.6203, 58.0702,
14.0639


352.0350,
417.4475, 229.0702


 30.5687, 41.8651,
8.0259


 79.8960, 102.0251,
33.9211


 20.4209, 28.9957,
4.0235


 103.8508,
130.5436, 48.5774


 12.8114, 19.0775,
1.6382


 132.1708,
163.9355, 66.9435

 7.3749, 11.7263,
0.3179

 165.2212,
202.5850, 89.4379

 3.7461, 6.5576,
0.0000

 203.3675,
246.8765, 116.4793

 1.5595, 3.1870,
0.0000

246.9750,

 0.3658, 1.2301,

297.1945, 148.4861

0.0000

296.4090,
353.9234, 185.8769

■ 0.0000, 0.0861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6203, 58.0702,
14.0639

■ 43.6203, 58.0702,
14.0639

■ 41.9556, 57.2737,
11.2865

■ 45.5666, 58.9884,
18.0883

■ 40.5401, 56.5797,
9.6057

■ 47.8145, 60.0303,
23.4803

■ 39.3292, 55.9725,
8.7827

■ 50.3866, 61.2068,
30.3504

■ 39.2316, 55.9233,
8.7265

■ 53.3019, 62.5258,
38.7968

■ 56.5779, 63.9942,
48.9093

■ 60.2308, 65.6186,
60.7708

■ 64.2756, 67.4050,
74.4590

■ 68.7267, 69.3592,
90.0466

■ 73.0108, 71.2520,
104.5127

Harmonies

Analogous

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



57.4567, 58.0702, 11.3670



43.6203, 58.0702, 14.0639



34.5996, 58.0702, 26.9962

Triad

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



43.6203, 58.0702, 14.0639



40.3977, 58.0702, 159.1883



89.3651, 58.0702, 69.8403

Complementary

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



43.6203, 58.0702, 14.0639



19.4549, 11.5197, 64.8200

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.



82.6706, 58.0702, 122.6055



43.6203, 58.0702, 14.0639



52.9914, 58.0702, 187.0789

Square

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



43.6203, 58.0702, 14.0639



32.9900, 58.0702, 106.1786



68.6527, 58.0702, 171.3167



85.6277, 58.0702, 33.7749

Rectangle

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



43.6203, 58.0702, 14.0639



31.6441, 58.0702, 44.7490



68.6527, 58.0702, 171.3167



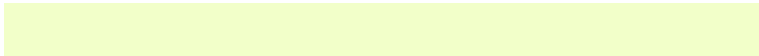
88.2310, 58.0702, 86.2022

Sweetspot

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



43.6217, 58.0728, 14.0651



83.0883, 94.6947, 69.4350



33.3256, 23.9083, 8.0134



17.4885, 20.1361, 13.9409



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.



43.6217, 58.0728, 14.0651



61.3625, 84.6675, 15.4276



30.9127, 51.5211, 13.4704



13.1724, 14.3651, 13.2392



23.8081, 33.8498, 5.2789



1.5070, 2.0782, 0.3217

Inverse Universe

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



19.4549, 11.5197, 64.8200



23.4826, 11.3220, 95.5554



31.6626, 17.8130, 65.3913



12.0149, 12.1491, 15.6493



8.2275, 3.3939, 38.6746



0.5708, 0.2432, 2.3362

Previews

White Background



This preview shows how the XYZ color 43.6203, 58.0702, 14.0639 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 43.6203, 58.0702, 14.0639 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 43.6203, 58.0702, 14.0639

Background



This preview shows how black text looks on a background with the XYZ color 43.6203, 58.0702, 14.0639.



This preview shows how white text looks on a background with the XYZ color 43.6203, 58.0702,

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

43.6203, 58.0702, 14.0639

Protanopia

52.2642, 57.5036, 12.9021

Deuteranopia

58.7504, 57.4746, 14.6538



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

43.6203, 58.0702, 14.0639

Protanomaly

48.7409, 57.4314, 13.2191

Deuteranomaly

52.3336, 57.1620, 14.4060

Tritanomaly

49.2506, 57.0547, 42.1351

Monochromacy



Original Color

43.6203, 58.0702, 14.0639

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

44.6913, 52.1060, 33.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6203, 58.0702, 14.0639 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(179, 214, 66)` looks like.

```
.text, #text, p{  
    color:rgb(179, 214, 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(179, 214, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 214, 66) }
```

Border

The CSS property to change the border of an element to XYZ 43.6203, 58.0702, 14.0639 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(179, 214, 66) }
```


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

```
.border{ border-color:rgb(179, 214, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 214, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 214, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 214, 66);  
box-shadow:4px 4px 4px 4px rgb(179, 214,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6203, 58.0702, 14.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 214, 66) }
```

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

```
.background{ background-color: rgb(179,  
214, 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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