

Converting Colors

XYZ(43.1018, 64.5460, 14.4619)

Have a look what the booklet for
XYZ(43.1018, 64.5460, 14.4619)
contains.

XYZ(43.1018, 64.5460, 14.4619)	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(43.1018, 64.5460,
14.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	9CE73C
RGB	156, 231, 60
RGB Percent	61%, 91%, 24%
CMY	0.3882, 0.0941, 0.7647
CMYK	0.32, 0.00, 0.74, 0.09
HSL	86°, 78%, 57%
HSV	86°, 74%, 91%
XYZ	43.1018, 64.5460, 14.4619
YIQ	189.0810, 10.1910, -69.0810

Conversions

Conversions Part 2

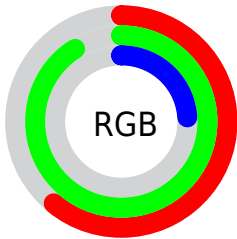
Format	Color
RYB	60, 231, 135
Decimal	10282812
CIELab	84.25, -47.97, 70.80
CIElCh	84, 85.520, 124.119
Yxy	64.5460, 0.3530, 0.5286
Android (android.graphics.Color)	4288472892 (0xFF9CE73C)
YUV	189.0810, -63.6369, -29.0120
Hunter-Lab	80.3405, -44.8327, 45.5657

Details

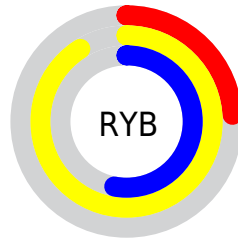
The XYZ color **43.1018, 64.5460, 14.4619** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **26.0344, 14.1542, 76.9649**, and the grayscale version is **48.7667, 51.3063, 55.8726**.

A 20% lighter version of the original color is **67.1141, 87.2990, 30.7659**, and **20.3670, 33.2566, 5.3457** is the 20% darker color. If you saturate the color by 10%, you get **40.7402, 63.3864, 11.8301**, and if you desaturate by 10%, it is **45.8964, 65.9021, 18.5067**.

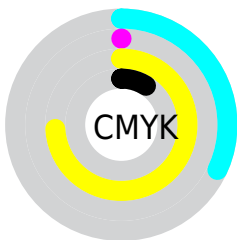
Distribution



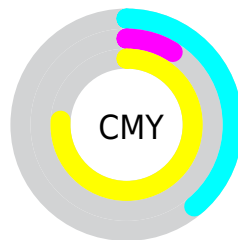
- Red (61%)
- Green (91%)
- Blue (24%)



- Red (24%)
- Yellow (91%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (74%)
- Black (9%)





- Cyan (39%)
- Magenta (9%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1018, 64.5460, 14.4619 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 43.1018, 64.5460, 14.4619 by changing the saturation by 10% instead.


 43.1018, 64.5460,
14.4619


 43.1018, 64.5460,
14.4619


349.9447,
441.1587, 231.6132


 30.1599, 47.0930,
8.3002


 79.1192, 111.3969,
34.6352


 20.1086, 33.1092,
4.1971


 102.9254,
141.5636, 49.4840


 12.5828, 22.2101,
1.7341

 131.0837,
176.7371, 68.0654

 7.2169, 14.0114,
0.3839

 163.9595,
217.3016, 90.7982

 3.6456, 8.1286,
0.0000

 201.9182,
263.6416, 118.1009

 1.5037, 4.1773,
0.0000

245.3250,

 0.3283, 1.7732,

316.1416, 150.3919

0.0000

294.5454,
375.1858, 188.0898

0.0000, 0.4704,
0.0000

0.0000, 0.0000,
0.0000

43.1018, 64.5460,
14.4619

43.1018, 64.5460,
14.4619

40.7402, 63.3864,
11.8301

45.8964, 65.9021,
18.5067

38.7655, 62.3978,
10.4094

49.1541, 67.4606,
24.1229

37.7340, 61.8751,
9.9543

52.9067, 69.2368,
31.4520

57.1815, 71.2420,
40.6189

■ 62.0033, 73.4867,
51.7366

■ 67.3954, 75.9804,
64.9092

■ 73.3792, 78.7323,
80.2332

■ 79.9752, 81.7507,
97.7992

■ 85.0533, 84.1840,
106.3741

Harmonies

Analogous

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



58.7698, 64.5460, 9.1317



43.1018, 64.5460, 14.4619



34.0662, 64.5460, 33.8702

Triad

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



43.1018, 64.5460, 14.4619



46.7832, 64.5460, 212.1169



105.3242, 64.5460, 63.0499

Complementary

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



43.1018, 64.5460, 14.4619



26.0344, 14.1542, 76.9649

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.



100.3029, 64.5460, 126.3585



43.1018, 64.5460, 14.4619



64.0027, 64.5460, 234.1263

Square

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



43.1018, 64.5460, 14.4619



35.8644, 64.5460, 146.5355



84.1325, 64.5460, 196.8499



96.7156, 64.5460, 26.5026

Rectangle

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



43.1018, 64.5460, 14.4619



31.7806, 64.5460, 60.1233



84.1325, 64.5460, 196.8499



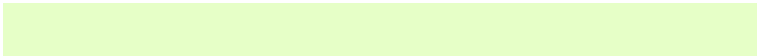
105.1843, 64.5460, 81.5198

Sweetspot

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



43.1033, 64.5488, 14.4633



78.8165, 92.5269, 67.6774



42.3122, 34.3956, 8.6848



16.4951, 19.6307, 13.5919



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.



43.1033, 64.5488, 14.4633



49.5747, 78.6175, 13.6636



32.0216, 58.8360, 13.9447



14.9595, 16.4862, 15.2982



21.2982, 34.7611, 5.5870



1.6801, 2.6235, 0.4178

Inverse Universe

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



26.0344, 14.1542, 76.9649



27.3082, 12.6110, 95.6026



45.4366, 24.1563, 77.8729



14.1797, 14.1949, 18.1369



11.2524, 4.8667, 42.7295



0.9366, 0.4138, 3.1625

Previews

White Background



This preview shows how the XYZ color 43.1018, 64.5460, 14.4619 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 43.1018, 64.5460, 14.4619 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 43.1018, 64.5460, 14.4619

Background



This preview shows how black text looks on a background with the XYZ color 43.1018, 64.5460, 14.4619.



This preview shows how white text looks on a background with the XYZ color 43.1018, 64.5460,

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

43.1018, 64.5460, 14.4619

Protanopia

57.9971, 64.0312, 12.9169

Deuteranopia

64.4441, 63.5885, 22.2418



Tritanopia

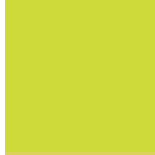
57.3685, 63.9490, 86.4106

Trichromacy



Original Color

43.1018, 64.5460, 14.4619



Protanomaly

51.2635, 63.5600, 13.4373



Deuteranomaly

54.3109, 62.3699, 18.6273



Tritanomaly

49.6897, 63.1612, 47.6026

Monochromacy



Original Color

43.1018, 64.5460, 14.4619



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

44.6068, 54.4858, 33.7570

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1018, 64.5460, 14.4619 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(156, 231, 60)` looks like.

```
.text, #text, p{  
    color:rgb(156, 231, 60)  
}
```

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(156, 231, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 231, 60) }
```

Border

The CSS property to change the border of an element to XYZ 43.1018, 64.5460, 14.4619 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(156, 231, 60) }
```


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

```
.border{ border-color:rgb(156, 231, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 231, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 231, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 231, 60);  
box-shadow:4px 4px 4px 4px rgb(156, 231,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1018, 64.5460, 14.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 231, 60) }
```

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

```
.background{ background-color: rgb(156,  
231, 60) }
```

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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