

Converting Colors

XYZ(26.2352, 34.2945, 14.1148)

Have a look what the booklet for
XYZ(26.2352, 34.2945, 14.1148)
contains.

XYZ(26.3489, 34.4511, 14.0651)	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(26.3489, 34.4511,
14.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA956
RGB	138, 169, 86
RGB Percent	54%, 66%, 34%
CMY	0.4588, 0.3372, 0.6627
CMYK	0.18, 0.00, 0.49, 0.34
HSL	82°, 33%, 50%
HSV	82°, 49%, 66%
XYZ	26.3489, 34.4511, 14.0651
YIQ	150.2690, 8.1670, -32.3850

Conversions

Conversions Part 2

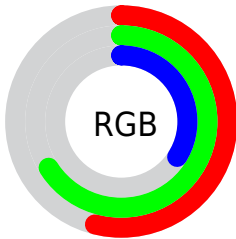
Format	Color
RYB	86, 169, 117
Decimal	9087318
CIELab	65.32, -24.49, 39.10
CIELCh	65, 46.141, 122.061
Yxy	34.4511, 0.3520, 0.4602
Android (android.graphics.Color)	4287277398 (0xFF8AA956)
YUV	150.2690, -31.6846, -10.7599
Hunter-Lab	58.6951, -22.5856, 26.8789

Details

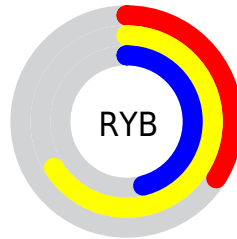
The XYZ color **26.3489, 34.4511, 14.0651** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **17.8268, 13.3030, 39.1663**, and the grayscale version is **29.2325, 30.7549, 33.4921**.

A 20% lighter version of the original color is **53.2354, 66.4837, 34.0716**, and **10.5330, 14.8346, 4.0585** is the 20% darker color. If you saturate the color by 10%, you get **24.7329, 33.6887, 10.8458**, and if you desaturate by 10%, it is **28.1883, 35.3123, 18.1367**.

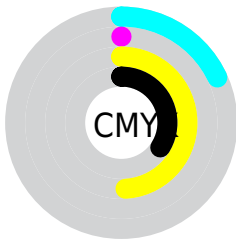
Distribution



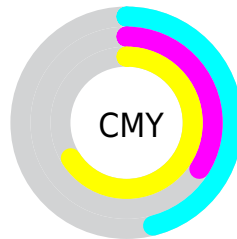
- Red (54%)
- Green (66%)
- Blue (34%)



- Red (34%)
- Yellow (66%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (49%)
- Black (34%)





- Cyan (46%)
- Magenta (34%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3489, 34.4511, 14.0651 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 26.3489, 34.4511, 14.0651 by changing the saturation by 10% instead.


 26.3489, 34.4511,
14.0651


 26.3489, 34.4511,
14.0651

276.7160,
322.1388, 229.0779


 17.2189, 23.2404,
8.0267


 53.2646, 66.6346,
33.9233

 10.4869, 14.7711,
4.0240


 71.7809, 88.3761,
48.5801


 5.7877, 8.6589,
1.6385


 94.1568, 114.3966,
66.9469

 2.7559, 4.5194,
0.3181

 120.7575,
145.0806, 89.4421

 1.0260, 1.9681,
0.0000

 151.9484,
180.8124, 116.4842

 0.0000, 0.5889,
0.0000

188.0949,

 0.0000, 0.0000,

221.9765, 148.4919

0.0000

229.5623,
268.9571, 185.8836

■ 26.3489, 34.4511,
14.0651

■ 26.3489, 34.4511,
14.0651

■ 24.7329, 33.6887,
10.8458

■ 28.1883, 35.3123,
18.1367

■ 23.3253, 33.0154,
8.4159

■ 30.2601, 36.2723,
23.1131

■ 22.1127, 32.4268,
6.7072


■ 32.5755, 37.3370,
29.0454


■ 21.0789, 31.9165,
5.6391


■ 35.1443, 38.5105,
35.9802


■ 20.1927, 31.4716,
5.0535


■ 37.9758, 39.7964,
43.9608

 20.1177, 31.4339,
5.0070

 41.0785, 41.1985,
53.0283

 44.4608, 42.7200,
63.2213

 48.1305, 44.3643,
74.5767

 52.0951, 46.1343,
87.1297

Harmonies

Analogous

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



32.2818, 34.4511, 11.3385



26.3489, 34.4511, 14.0651



22.5976, 34.4511, 22.6976

Triad

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



26.3489, 34.4511, 14.0651



27.0520, 34.4511, 80.6640



47.4424, 34.4511, 36.1951

Complementary

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



26.3489, 34.4511, 14.0651



17.8268, 13.3030, 39.1663

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.



45.5491, 34.4511, 57.6762



26.3489, 34.4511, 14.0651



33.2120, 34.4511, 88.0288

Square

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



26.3489, 34.4511, 14.0651



22.9627, 34.4511, 60.8046



40.0999, 34.4511, 78.4651



44.9720, 34.4511, 21.0868

Rectangle

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



26.3489, 34.4511, 14.0651



21.5345, 34.4511, 32.6253



40.0999, 34.4511, 78.4651



47.2946, 34.4511, 42.8625

Sweetspot

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



26.3497, 34.4526, 14.0658



60.0515, 67.6493, 56.5730



24.3387, 21.6990, 11.7101



12.8910, 14.6542, 11.8026



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3497, 34.4526, 14.0658



44.0395, 60.2109, 18.9542



20.8057, 31.5946, 13.8064



7.8712, 8.6317, 8.0405



15.0535, 23.4576, 3.7344



0.4200, 0.5984, 0.0934

Inverse Universe

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



17.8268, 13.3030, 39.1663



26.9962, 17.8520, 69.2480



24.5780, 16.7834, 39.4822



7.3867, 7.4319, 9.4635



6.9264, 2.9541, 28.1806



0.2252, 0.1011, 0.6883

Previews

White Background



This preview shows how the XYZ color 26.3489, 34.4511, 14.0651 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 26.3489, 34.4511, 14.0651 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 26.3489, 34.4511, 14.0651

Background



This preview shows how black text looks on a background with the XYZ color 26.3489, 34.4511, 14.0651.



This preview shows how white text looks on a background with the XYZ color 26.3489, 34.4511,

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

26.3489, 34.4511, 14.0651

Protanopia

31.2054, 34.0616, 12.9125

Deuteranopia

34.9044, 34.2089, 14.4362



Tritanopia

32.2390, 34.1644, 43.9249

Trichromacy



Original Color

26.3489, 34.4511, 14.0651

Protanomaly

29.1796, 34.0423, 13.2165

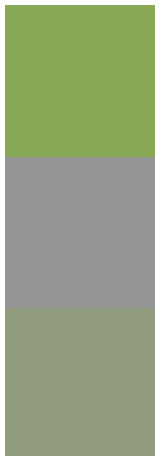
Deuteranomaly

31.2636, 34.0592, 14.3775

Tritanomaly

29.5820, 34.1372, 30.2293

Monochromacy



Original Color

26.3489, 34.4511, 14.0651

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7418, 31.7572, 24.7463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3489, 34.4511, 14.0651 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(138, 169, 86)` looks like.

```
.text, #text, p{  
    color:rgb(138, 169, 86)  
}
```

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(138, 169, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 169, 86) }
```

Border

The CSS property to change the border of an element to XYZ 26.3489, 34.4511, 14.0651 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(138, 169, 86) }
```


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

```
.border{ border-color:rgb(138, 169, 86) }
```

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

Here you see how a box with a 4 pixel rgb(138, 169, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 169, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 169, 86);  
box-shadow:4px 4px 4px 4px rgb(138, 169,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3489, 34.4511, 14.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 169, 86) }
```

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

```
.background{ background-color: rgb(138,  
169, 86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor