

Converting Colors

XYZ(25.1559, 35.1450, 11.1479)

Have a look what the booklet for
XYZ(25.1559, 35.1450, 11.1479)
contains.

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Color

**XYZ(25.0710, 34.9839,
11.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	81AD45
RGB	129, 173, 69
RGB Percent	51%, 68%, 27%
CMY	0.4941, 0.3216, 0.7294
CMYK	0.25, 0.00, 0.60, 0.32
HSL	85°, 43%, 47%
HSV	85°, 60%, 68%
XYZ	25.0710, 34.9839, 11.0614
YIQ	147.9880, 7.1600, -41.6720

Conversions

Conversions Part 2

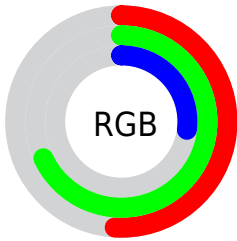
Format	Color
RYB	69, 173, 113
Decimal	8498501
CIELab	65.74, -31.65, 47.60
CIELCh	66, 57.164, 123.618
Yxy	34.9839, 0.3525, 0.4919
Android (android.graphics.Color)	4286688581 (0xFF81AD45)
YUV	147.9880, -38.9411, -16.6525
Hunter-Lab	59.1472, -27.8459, 30.3149

Details

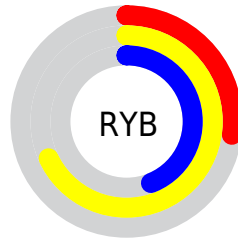
The XYZ color **25.0710, 34.9839, 11.0614** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **16.4824, 10.7851, 40.7501**, and the grayscale version is **28.2994, 29.7731, 32.4229**.

A 20% lighter version of the original color is **51.2377, 67.6094, 28.4386**, and **9.7696, 14.9985, 2.7609** is the 20% darker color. If you saturate the color by 10%, you get **23.5383, 34.2481, 8.5838**, and if you desaturate by 10%, it is **26.8417, 35.8265, 14.3688**.

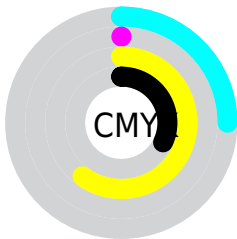
Distribution



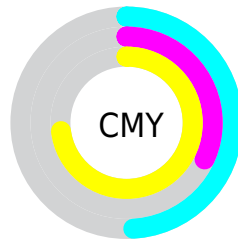
- Red (51%)
- Green (68%)
- Blue (27%)



- Red (27%)
- Yellow (68%)
- Blue (44%)



- Cyan (25%)
- Magenta (0%)
- Yellow (60%)
- Black (32%)





- Cyan (49%)
- Magenta (32%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.0710, 34.9839, 11.0614 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 25.0710, 34.9839, 11.0614 by changing the saturation by 10% instead.


 25.0710, 34.9839,
11.0614


 25.0710, 34.9839,
11.0614

270.5325,
324.4973, 208.8408


 16.2590, 23.6505,
5.9935


 51.2144, 67.4608,
28.4120


 9.7996, 15.0745,
2.7724


 69.2766, 89.3731,
41.5318


 5.3275, 8.8717,
0.9796


 91.1528, 115.5805,
58.1726

 2.4774, 4.6576,
0.0000

 117.2084,
146.4673, 78.7530

 0.8839, 2.0478,
0.0000

 147.8089,
182.4180, 103.6914

 0.0000, 0.6350,
0.0000

183.3194,

 0.0000, 0.0000,

223.8170, 133.4065

0.0000

224.1055,
271.0486, 168.3168

■ 25.0710, 34.9839,
11.0614

■ 25.0710, 34.9839,
11.0614

■ 23.5383, 34.2481,
8.5838

■ 26.8417, 35.8265,
14.3688

■ 22.2252, 33.6080,
6.8596

■ 28.8617, 36.7770,
18.5689

■ 21.1145, 33.0577,
5.8024

■ 31.1447, 37.8422,
23.7211

■ 20.1782, 32.5868,
5.2264

■ 33.7022, 39.0270,
29.8791

■ 36.5453, 40.3360,
37.0926

■ 39.6841, 41.7733,
45.4079

■ 43.1284, 43.3430,
54.8687

■ 46.8872, 45.0490,
65.5162

■ 50.9695, 46.8949,
77.3896

Harmonies

Analogous

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



32.2403, 34.9839, 8.0308



25.0710, 34.9839, 11.0614



20.7570, 34.9839, 20.9834

Triad

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



25.0710, 34.9839, 11.0614



26.5651, 34.9839, 96.5354



52.1612, 34.9839, 35.2409

Complementary

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



25.0710, 34.9839, 11.0614



16.4824, 10.7851, 40.7501

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.



49.9605, 34.9839, 62.6250



25.0710, 34.9839, 11.0614



34.2829, 34.9839, 105.6080

Square

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



25.0710, 34.9839, 11.0614



21.5119, 34.9839, 69.9502



43.0413, 34.9839, 91.2000



48.6327, 34.9839, 17.7599

Rectangle

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



25.0710, 34.9839, 11.0614



19.6203, 34.9839, 33.1676



43.0413, 34.9839, 91.2000



52.0693, 34.9839, 43.4801

Sweetspot

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



25.0718, 34.9854, 11.0622



61.2346, 70.2977, 55.6932



24.1401, 20.9772, 8.4074



13.0096, 15.1397, 11.3643



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.0718, 34.9854, 11.0622



41.3736, 60.9554, 14.2630



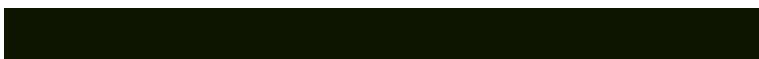
19.1335, 31.9241, 10.7842



8.3302, 9.1588, 8.5421



14.8895, 23.9729, 3.8425



0.4749, 0.6982, 0.1097

Inverse Universe

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



16.4824, 10.7851, 40.7501



24.6671, 13.7807, 72.1656



25.0510, 15.2023, 41.1511



7.8881, 7.9166, 10.0650



7.6334, 3.2951, 29.2782



0.2757, 0.1243, 0.8175

Previews

White Background



This preview shows how the XYZ color 25.0710, 34.9839, 11.0614 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 25.0710, 34.9839, 11.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

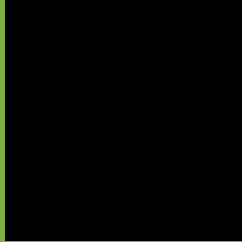
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.0710, 34.9839, 11.0614

Background



This preview shows how black text looks on a background with the XYZ color 25.0710, 34.9839, 11.0614.



This preview shows how white text looks on a background with the XYZ color 25.0710, 34.9839,

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

25.0710, 34.9839, 11.0614

Protanopia

31.4837, 34.5250, 10.0057

Deuteranopia

35.1016, 34.3770, 11.4420



Tritanopia

31.9859, 34.7754, 45.5839

Trichromacy



Original Color

25.0710, 34.9839, 11.0614

Protanomaly

28.7560, 34.4178, 10.2820

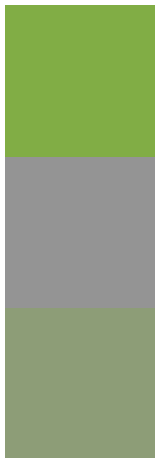
Deuteranomaly

30.6140, 34.0480, 11.2617

Tritanomaly

28.5614, 34.4533, 28.4374

Monochromacy



Original Color

25.0710, 34.9839, 11.0614

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

26.3712, 31.1086, 22.0674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.0710, 34.9839, 11.0614 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(129, 173, 69)` looks like.

```
.text, #text, p{  
    color:rgb(129, 173, 69)  
}
```

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(129, 173, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 173, 69) }
```

Border

The CSS property to change the border of an element to XYZ 25.0710, 34.9839, 11.0614 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(129, 173, 69) }
```


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

```
.border{ border-color:rgb(129, 173, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 173, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 173, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 173, 69);  
box-shadow:4px 4px 4px 4px rgb(129, 173,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 25.0710, 34.9839, 11.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 173, 69) }
```

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

```
.background{ background-color: rgb(129,  
173, 69) }
```

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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