

Converting Colors

XYZ(27.0902, 35.7229, 11.9814)

Have a look what the booklet for
XYZ(27.0902, 35.7229, 11.9814)
contains.

XYZ(27.1439, 35.7502, 11.9484)	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(27.1439, 35.7502,
11.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	8EAC4A
RGB	142, 172, 74
RGB Percent	56%, 67%, 29%
CMY	0.4431, 0.3255, 0.7098
CMYK	0.17, 0.00, 0.57, 0.33
HSL	78°, 40%, 48%
HSV	78°, 57%, 67%
XYZ	27.1439, 35.7502, 11.9484
YIQ	151.8580, 13.5780, -36.8380

Conversions

Conversions Part 2

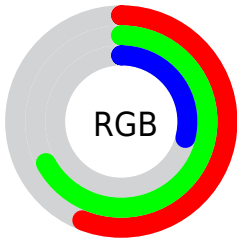
Format	Color
RYB	74, 172, 104
Decimal	9350218
CIELab	66.33, -25.60, 46.19
CIElCh	66, 52.812, 118.992
Yxy	35.7502, 0.3627, 0.4777
Android (android.graphics.Color)	4287540298 (0xFF8EAC4A)
YUV	151.8580, -38.3840, -8.6455
Hunter-Lab	59.7915, -23.6003, 30.0058

Details

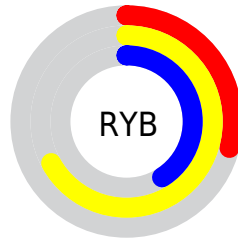
The XYZ color **27.1439, 35.7502, 11.9484** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.6054, 10.8201, 40.2977**, and the grayscale version is **29.9408, 31.5000, 34.3035**.

A 20% lighter version of the original color is **54.5237, 68.4503, 30.0772**, and **10.9717, 15.6109, 3.1444** is the 20% darker color. If you saturate the color by 10%, you get **25.7599, 35.0959, 9.2616**, and if you desaturate by 10%, it is **28.7308, 36.4931, 15.4731**.

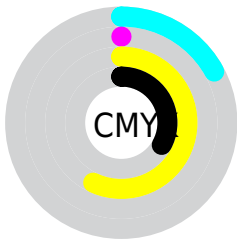
Distribution



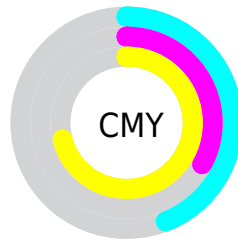
- Red (56%)
- Green (67%)
- Blue (29%)



- Red (29%)
- Yellow (67%)
- Blue (41%)



- Cyan (17%)
- Magenta (0%)
- Yellow (57%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1439, 35.7502, 11.9484 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 27.1439, 35.7502, 11.9484 by changing the saturation by 10% instead.

■ 27.1439, 35.7502,
11.9484

■ 27.1439, 35.7502,
11.9484

280.5080,
327.8674, 215.0292

■ 17.8185, 24.2413,
6.5864

■ 54.5330, 68.6463,
30.0641

■ 10.9186, 15.5127,
3.1303

■ 73.3273, 90.8024,
43.6549

■ 6.0790, 9.1800,
1.1616

■ 96.0086, 117.2763,
60.8257

■ 2.9343, 4.8588,
0.0000

■ 122.9424,
148.4524, 81.9951

■ 1.1191, 2.1646,
0.0000

■ 154.4938,
184.7152, 107.5816

■ 0.0410, 0.7006,
0.0000

191.0283,

■ 0.0000, 0.0000,

226.4491, 138.0038

0.0000

232.9113,
274.0383, 173.6801

■ 27.1439, 35.7502,
11.9484

■ 27.1439, 35.7502,
11.9484

■ 25.7599, 35.0959,
9.2616

■ 28.7308, 36.4931,
15.4731

■ 24.5623, 34.5198,
7.3406

■ 30.5303, 37.3247,
19.8955

■ 23.5360, 34.0170,
6.1050

■ 32.5545, 38.2514,
25.2724

■ 22.6580, 33.5783,
5.4364

■ 34.8138, 39.2771,
31.6553

■ 22.4083, 33.4528,
5.2760

■ 37.3177, 40.4059,
39.0921

■ 40.0753, 41.6414,
47.6277

■ 43.0951, 42.9871,
57.3040

■ 46.3852, 44.4464,
68.1613

■ 49.9533, 46.0222,
80.2374

Harmonies

Analogous

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



34.2470, 35.7502, 9.6408



27.1439, 35.7502, 11.9484



22.5646, 35.7502, 20.5593

Triad

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



27.1439, 35.7502, 11.9484



26.7481, 35.7502, 89.3032



51.5171, 35.7502, 39.6949

Complementary

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



27.1439, 35.7502, 11.9484



15.6054, 10.8201, 40.2977

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.



48.7116, 35.7502, 65.8724



27.1439, 35.7502, 11.9484



33.7134, 35.7502, 100.5319

Square

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



27.1439, 35.7502, 11.9484



22.3622, 35.7502, 64.0111



41.8759, 35.7502, 90.6388



49.0516, 35.7502, 21.4361

Rectangle

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



27.1439, 35.7502, 11.9484



21.1572, 35.7502, 31.2053



41.8759, 35.7502, 90.6388



51.1527, 35.7502, 47.8251

Sweetspot

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



27.1448, 35.7518, 11.9492



63.0127, 71.1869, 57.0143



23.1407, 19.0464, 8.9357



13.5160, 15.3899, 11.8776



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.



27.1448, 35.7518, 11.9492



46.2141, 63.4195, 15.9035



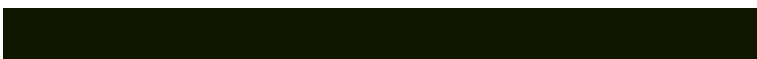
20.5649, 32.3597, 11.6412



8.4204, 9.2053, 8.5464



16.7324, 24.9230, 3.9287



0.5178, 0.7203, 0.1117

Inverse Universe

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



15.6054, 10.8201, 40.2977



23.3566, 13.9019, 72.2581



22.9203, 14.5911, 40.6400



7.8009, 7.8717, 10.0609



6.6708, 2.7988, 29.2331



0.2421, 0.1070, 0.8159

Previews

White Background



This preview shows how the XYZ color 27.1439, 35.7502, 11.9484 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 27.1439, 35.7502, 11.9484 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 27.1439, 35.7502, 11.9484

Background



This preview shows how black text looks on a background with the XYZ color 27.1439, 35.7502, 11.9484.



This preview shows how white text looks on a background with the XYZ color 27.1439, 35.7502,

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

27.1439, 35.7502, 11.9484

Protanopia

32.4726, 35.5284, 11.1074

Deuteranopia

36.0912, 35.3527, 12.3187



Tritanopia

33.8867, 35.7667, 45.1620

Trichromacy



Original Color

27.1439, 35.7502, 11.9484

Protanomaly

30.3507, 35.4851, 11.3806

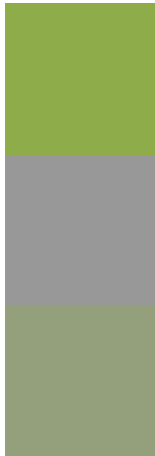
Deuteranomaly

32.2705, 35.1424, 12.1035

Tritanomaly

30.8013, 35.5914, 29.2912

Monochromacy



Original Color

27.1439, 35.7502, 11.9484

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.2490, 32.5474, 23.8622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1439, 35.7502, 11.9484 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(142, 172, 74)` looks like.

```
.text, #text, p{  
    color:rgb(142, 172, 74)  
}
```

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(142, 172, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 172, 74) }
```

Border

The CSS property to change the border of an element to XYZ 27.1439, 35.7502, 11.9484 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(142, 172, 74) }
```


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

```
.border{ border-color:rgb(142, 172, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 172, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 172, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 172, 74);  
box-shadow:4px 4px 4px 4px rgb(142, 172,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1439, 35.7502, 11.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 172, 74) }
```

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

```
.background{ background-color: rgb(142,  
172, 74) }
```

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