

Converting Colors

XYZ(11.3367, 13.9644, 5.9795)

Have a look what the booklet for
XYZ(11.3367, 13.9644, 5.9795)
contains.

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Color

**XYZ(11.3515, 14.0439,
5.9834)**

Conversions

Conversions Part 1

Format	Color
Hex	626E39
RGB	98, 110, 57
RGB Percent	38%, 43%, 22%
CMY	0.6157, 0.5686, 0.7765
CMYK	0.11, 0.00, 0.48, 0.57
HSL	74°, 32%, 33%
HSV	74°, 48%, 43%
XYZ	11.3515, 14.0439, 5.9834
YIQ	100.3700, 9.8610, -19.0270

Conversions

Conversions Part 2

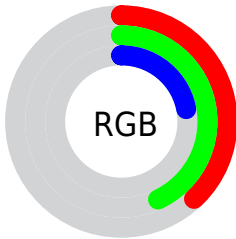
Format	Color
RYB	57, 110, 69
Decimal	6450745
CIELab	44.30, -13.67, 27.92
CIELCh	44, 31.086, 116.078
Yxy	14.0439, 0.3618, 0.4476
Android (android.graphics.Color)	4284640825 (0xFF626E39)
YUV	100.3700, -21.3814, -2.0785
Hunter-Lab	37.4752, -11.5127, 16.7662

Details

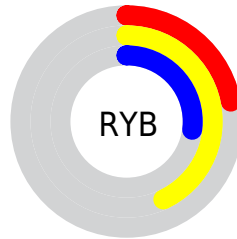
The XYZ color **11.3515, 14.0439, 5.9834** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **6.7323, 5.3176, 15.4241**, and the grayscale version is **12.2593, 12.8977, 14.0456**.

A 20% lighter version of the original color is **28.0478, 33.3446, 18.3225**, and **3.0984, 4.1475, 0.9539** is the 20% darker color. If you saturate the color by 10%, you get **10.8418, 13.8099, 4.6791**, and if you desaturate by 10%, it is **11.9297, 14.3072, 7.6020**.

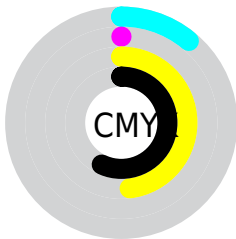
Distribution



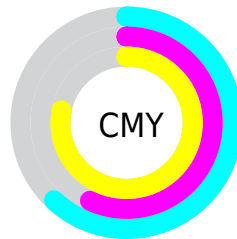
- Red (38%)
- Green (43%)
- Blue (22%)



- Red (22%)
- Yellow (43%)
- Blue (27%)



- Cyan (11%)
- Magenta (0%)
- Yellow (48%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3515, 14.0439, 5.9834 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 11.3515, 14.0439, 5.9834 by changing the saturation by 10% instead.

■ 11.3515, 14.0439,
5.9834

■ 11.3515, 14.0439,
5.9834

193.9223,
217.5038, 168.2239

■ 6.3728, 8.1512,
2.7664

■ 27.9356, 33.1669,
18.3735

■ 3.1159, 4.1919,
0.9766

■ 40.2717, 47.1660,
28.3836

■ 1.2153, 1.7815,
0.0000

■ 55.7909, 64.6360,
41.4952

■ 0.1184, 0.4756,
0.0000

■ 74.8587, 85.9614,
58.1268

■ 0.0000, 0.0000,
0.0000

■ 97.8404, 111.5264,
78.6969

■ 125.1013,

141.7156, 103.6241

157.0069,
176.9132, 133.3269

■ 11.3515, 14.0439,
5.9834

■ 11.3515, 14.0439,
5.9834

■ 10.8418, 13.8099,
4.6791

■ 11.9297, 14.3072,
7.6020

■ 10.3957, 13.6019,
3.6677

■ 12.5791, 14.5995,
9.5526

■ 10.0091, 13.4186,
2.9267

■ 13.3033, 14.9226,
11.8526

■ 9.6768, 13.2580,
2.4298

■ 14.1053, 15.2780,
14.5182

■ 9.3832, 13.1137,
2.0941

■ 14.9882, 15.6666,
17.5641

■ 9.3309, 13.0880,
2.0345

■ 15.9547, 16.0897,
21.0047

■ 17.0074, 16.5483,
24.8533

■ 18.1488, 17.0434,
29.1228

■ 19.3813, 17.5759,
33.8253

Harmonies

Analogous

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



13.6786, 14.0439, 5.2827



11.3515, 14.0439, 5.9834



9.7552, 14.0439, 8.8427

Triad

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



11.3515, 14.0439, 5.9834



10.8498, 14.0439, 29.7322



18.7197, 14.0439, 16.2489

Complementary

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



11.3515, 14.0439, 5.9834



6.7323, 5.3176, 15.4241

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.



17.7304, 14.0439, 24.2950



11.3515, 14.0439, 5.9834



13.0234, 14.0439, 33.4654

Square

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



11.3515, 14.0439, 5.9834



9.4918, 14.0439, 22.1490



15.5665, 14.0439, 31.2177



18.1291, 14.0439, 10.0191

Rectangle

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



11.3515, 14.0439, 5.9834



9.2181, 14.0439, 12.2228



15.5665, 14.0439, 31.2177



18.5580, 14.0439, 18.8349

Sweetspot

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



11.3518, 14.0445, 5.9837



23.8820, 26.4368, 22.5200



9.2659, 7.8038, 4.8891



5.5046, 6.1285, 5.0662



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



11.3518, 14.0445, 5.9837



18.9261, 24.1993, 7.9451



8.9886, 12.8263, 5.8731



3.5716, 3.8800, 3.6340



11.1834, 15.7090, 2.4427



54.9390, 77.8561, 12.1321

Inverse Universe

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



6.7323, 5.3176, 15.4241



9.7595, 6.8571, 26.7164



8.9956, 6.4844, 15.5300



3.2818, 3.3336, 4.2247



3.8368, 1.5873, 17.8258



18.4741, 7.5781, 88.7682

Previews

White Background



This preview shows how the XYZ color 11.3515, 14.0439, 5.9834 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 11.3515, 14.0439, 5.9834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.3515, 14.0439, 5.9834

Background



This preview shows how black text looks on a background with the XYZ color 11.3515, 14.0439, 5.9834.



This preview shows how white text looks on a background with the XYZ color 11.3515, 14.0439,

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

11.3515, 14.0439, 5.9834

Protanopia

12.8114, 14.0238, 5.6461

Deuteranopia

14.1252, 13.9526, 6.2236



Tritanopia

13.7006, 14.0737, 17.3236

Trichromacy



Original Color

11.3515, 14.0439, 5.9834

Protanomaly

12.2782, 14.0521, 5.8066

Deuteranomaly

12.9422, 13.9294, 6.1442

Tritanomaly

12.5653, 13.9056, 12.1470

Monochromacy



Original Color

11.3515, 14.0439, 5.9834

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6961, 13.1934, 10.3176

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3515, 14.0439, 5.9834 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(98, 110, 57) looks like.

```
.text, #text, p{  
    color:rgb(98, 110, 57)  
}
```

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(98, 110, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 110, 57) }
```

Border

The CSS property to change the border of an element to XYZ 11.3515, 14.0439, 5.9834 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(98, 110, 57) }
```


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

```
.border{ border-color:rgb(98, 110, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 110, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 110, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 110, 57);  
box-shadow:4px 4px 4px 4px rgb(98, 110,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3515, 14.0439, 5.9834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 110, 57) }
```

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

```
.background{ background-color: rgb(98, 110,  
57) }
```

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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