

Converting Colors

XYZ(11.3334, 13.8472, 14.4649)

Have a look what the booklet for
XYZ(11.3334, 13.8472, 14.4649)
contains.

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Color

**XYZ(11.3182, 13.8408,
14.3869)**

Conversions

Conversions Part 1

Format	Color
Hex	516E65
RGB	81, 110, 101
RGB Percent	32%, 43%, 40%
CMY	0.6824, 0.5686, 0.6039
CMYK	0.26, 0.00, 0.08, 0.57
HSL	161°, 15%, 37%
HSV	161°, 26%, 43%
XYZ	11.3182, 13.8408, 14.3869
YIQ	100.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

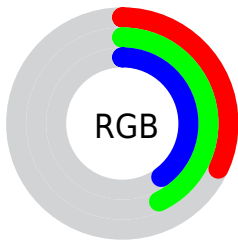
Format	Color
R_{YB}	81, 98, 110
Decimal	5336677
CIE _{Lab}	44.00, -12.65, 1.59
CIE _{LCh}	44, 12.747, 172.843
Yxy	13.8408, 0.2862, 0.3500
Android (android.graphics.Color)	4283526757 (0xFF516E65)
YUV	100.3030, 0.3436, -16.9287
Hunter-Lab	37.2032, -10.8012, 3.1142

Details

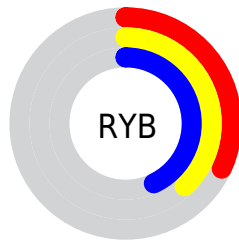
The XYZ color **11.3182, 13.8408, 14.3869** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.2188, 9.9383, 11.0004**, and the grayscale version is **12.1926, 12.8276, 13.9692**.

A 20% lighter version of the original color is **27.9479, 32.9330, 34.5894**, and **3.0816, 4.0689, 4.1130** is the 20% darker color. If you saturate the color by 10%, you get **10.2871, 13.3286, 13.4836**, and if you desaturate by 10%, it is **12.5097, 14.4357, 15.3346**.

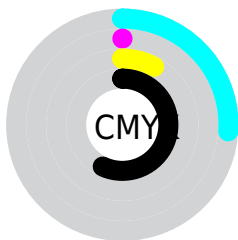
Distribution



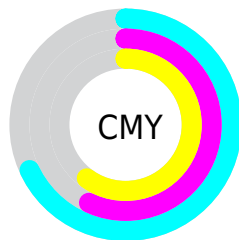
- Red (32%)
- Green (43%)
- Blue (40%)



- Red (32%)
- Yellow (38%)
- Blue (43%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (57%)



- Cyan (68%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.3182, 13.8408, 14.3869 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 11.3182, 13.8408, 14.3869 by changing the saturation by 10% instead.

■ 11.3182, 13.8408,
14.3869

■ 11.3182, 13.8408,
14.3869

193.7013,
216.2382, 231.1362

■ 6.3502, 8.0100,
8.2484

■ 27.8749, 32.8063,
34.5009

■ 3.1018, 4.1014,
4.1643

■ 40.1942, 46.7098,
49.3136

■ 1.2078, 1.7304,
1.7159

■ 55.6946, 64.0730,
67.8547

■ 0.1125, 0.4432,
0.3716

■ 74.7416, 85.2803,
90.5428

■ 0.0000, 0.0000,
0.0000

■ 97.7003, 110.7160,
117.7964

124.9363,

140.7647, 150.0342

156.8149,
175.8106, 187.6746

■ 11.3182, 13.8408,
14.3869

■ 11.3182, 13.8408,
14.3869

■ 10.2871, 13.3286,
13.4836

■ 12.5097, 14.4357,
15.3346

■ 9.4080, 12.8935,
12.6231

■ 13.8675, 15.1151,
16.3264

■ 8.6730, 12.5319,
11.8046

■ 15.3985, 15.8830,
17.3635

■ 8.0735, 12.2395,
11.0275

■ 17.1087, 16.7425,
18.4466

■ 7.5996, 12.0110,
10.2908

■ 19.0042, 17.6965,
19.5762

■ 7.2403, 11.8408,
9.5934

■ 21.0903, 18.7481,
20.7532

■ 6.9694, 11.7155,
8.9338

■ 23.3726, 19.8999,
21.9781

■ 6.8758, 11.6723,
8.7025

■ 25.8560, 21.1545,
23.2515

■ 28.5456, 22.5146,
24.5741

Harmonies

Analogous

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



11.6652, 13.8408, 11.9499



11.3182, 13.8408, 14.3869



11.4429, 13.8408, 17.3379

Triad

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



11.3182, 13.8408, 14.3869



13.9249, 13.8408, 20.8088



14.3654, 13.8408, 11.0524

Complementary

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



11.3182, 13.8408, 14.3869



11.2188, 9.9383, 11.0004

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.



15.0304, 13.8408, 13.0095



11.3182, 13.8408, 14.3869



14.7671, 13.8408, 18.6914

Square

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



11.3182, 13.8408, 14.3869



12.9144, 13.8408, 21.3006



15.1811, 13.8408, 15.7750



13.3991, 13.8408, 10.1913

Rectangle

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



11.3182, 13.8408, 14.3869



11.7800, 13.8408, 19.1844



15.1811, 13.8408, 15.7750



14.6336, 13.8408, 11.5909

Sweetspot

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



11.3186, 13.8414, 14.3872



23.8897, 26.3118, 28.3431



11.2958, 13.9294, 9.8780



5.4900, 6.0882, 6.5460



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.



11.3186, 13.8414, 14.3872



18.6703, 23.7068, 24.2274



11.2276, 12.9144, 16.6536



3.4330, 3.7984, 4.0866



8.2463, 14.0160, 10.3837



40.6782, 69.6599, 49.6184

Inverse Universe

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



11.2188, 9.9383, 11.0004



18.4625, 15.5445, 17.1493



11.2691, 10.6156, 9.2398



3.4232, 3.4170, 3.7553



8.0620, 4.1172, 2.1365



39.8129, 20.3705, 8.8129

Previews

White Background



This preview shows how the XYZ color 11.3182, 13.8408, 14.3869 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 11.3182, 13.8408, 14.3869 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 11.3182, 13.8408, 14.3869

Background



This preview shows how black text looks on a background with the XYZ color 11.3182, 13.8408, 14.3869.



This preview shows how white text looks on a background with the XYZ color 11.3182, 13.8408,

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

11.3182, 13.8408, 14.3869

Protanopia

13.0713, 13.6894, 13.2626

Deuteranopia

13.9448, 13.6710, 14.7358



Tritanopia

12.1711, 13.8709, 18.5589

Trichromacy



Original Color

11.3182, 13.8408, 14.3869

Protanomaly

12.3956, 13.7866, 13.5630

Deuteranomaly

12.8281, 13.6847, 14.5357

Tritanomaly

11.9052, 13.9240, 17.0991

Monochromacy



Original Color

11.3182, 13.8408, 14.3869

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7648, 13.1479, 13.9743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.3182, 13.8408, 14.3869 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(81, 110, 101) looks like.

```
.text, #text, p{  
    color:rgb(81, 110, 101)  
}
```

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(81, 110, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 110, 101) }
```

Border

The CSS property to change the border of an element to XYZ 11.3182, 13.8408, 14.3869 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(81, 110, 101) }
```


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

```
.border{ border-color:rgb(81, 110, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 110, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 110, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 110, 101);  
box-shadow:4px 4px 4px 4px rgb(81, 110,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 11.3182, 13.8408, 14.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 110, 101) }
```

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

```
.background{ background-color: rgb(81, 110,  
101) }
```

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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