

Converting Colors

XYZ(14.2936, 16.9084, 13.8908)

Have a look what the booklet for
XYZ(14.2936, 16.9084, 13.8908)
contains.

XYZ(14.2340, 16.8815, 13.8175)	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(14.2340, 16.8815,
13.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	667761
RGB	102, 119, 97
RGB Percent	40%, 47%, 38%
CMY	0.6000, 0.5333, 0.6196
CMYK	0.14, 0.00, 0.18, 0.53
HSL	106°, 10%, 42%
HSV	106°, 18%, 47%
XYZ	14.2340, 16.8815, 13.8175
YIQ	111.4090, -3.0700, -10.4460

Conversions

Conversions Part 2

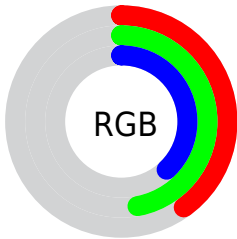
Format	Color
R_{YB}	97, 119, 114
Decimal	6715233
CIE Lab	48.11, -10.82, 10.03
CIE LCh	48, 14.751, 137.159
Yxy	16.8815, 0.3168, 0.3757
Android (android.graphics.Color)	4284905313 (0xFF667761)
YUV	111.4090, -7.1036, -8.2517
Hunter-Lab	41.0871, -10.0638, 8.8219

Details

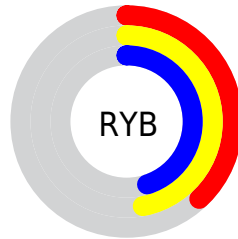
The XYZ color **14.2340, 16.8815, 13.8175** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.5445, 13.4592, 19.2849**, and the grayscale version is **15.2494, 16.0436, 17.4714**.

A 20% lighter version of the original color is **33.0451, 38.0362, 33.6170**, and **4.4263, 5.5577, 3.9714** is the 20% darker color. If you saturate the color by 10%, you get **12.7353, 16.1688, 11.0650**, and if you desaturate by 10%, it is **15.9325, 17.6886, 17.0147**.

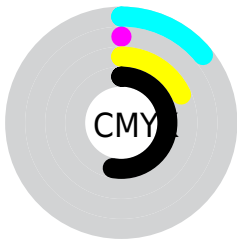
Distribution



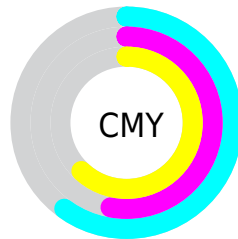
- Red (40%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (18%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2340, 16.8815, 13.8175 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 14.2340, 16.8815, 13.8175 by changing the saturation by 10% instead.

■ 14.2340, 16.8815,
13.8175

■ 14.2340, 16.8815,
13.8175

212.1633,
234.4886, 227.4813

■ 8.3664, 10.1500,
7.8565

■ 33.0865, 38.1219,
33.4773

■ 4.3840, 5.4986,
3.9168

■ 46.8020, 53.3997,
48.0132

■ 1.9216, 2.5426,
1.5798

■ 63.8643, 72.2950,
66.2446

■ 0.5893, 0.8979,
0.2764

■ 84.6386, 95.1922,
88.5899

■ 0.0000, 0.0000,
0.0000

109.4903,
122.4758, 115.4677

138.7847,

154.5301, 147.2965

172.8873,
191.7396, 184.4948

■ 14.2340, 16.8815,
13.8175

■ 14.2340, 16.8815,
13.8175

■ 12.7353, 16.1688,
11.0650

■ 15.9325, 17.6886,
17.0147

■ 11.4276, 15.5448,
8.7364

■ 17.8365, 18.5911,
20.6738

■ 10.3035, 15.0068,
6.8109

■ 19.9532, 19.5929,
24.8126

■ 9.3544, 14.5507,
5.2657

■ 22.2889, 20.6969,
29.4476

■ 8.5710, 14.1724,
4.0755

■ 24.8498, 21.9058,
34.5945

■ 7.9434, 13.8673,
3.2120

■ 27.6418, 23.2224,
40.2683

■ 7.4601, 13.6303,
2.6426

■ 30.6704, 24.6493,
46.4833

■ 7.0978, 13.4513,
2.2739

■ 33.9413, 26.1890,
53.2534

■ 7.0503, 13.4279,
2.2203

■ 37.4595, 27.8440,
60.5919

Harmonies

Analogous

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



15.2991, 16.8815, 12.2080



14.2340, 16.8815, 13.8175



13.6682, 16.8815, 16.7936

Triad

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



14.2340, 16.8815, 13.8175



15.4810, 16.8815, 26.5303



18.6279, 16.8815, 16.2943

Complementary

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



14.2340, 16.8815, 13.8175



14.5445, 13.4592, 19.2849

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.



18.6833, 16.8815, 20.0656



14.2340, 16.8815, 13.8175



16.8155, 16.8815, 26.3474

Square

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



14.2340, 16.8815, 13.8175



14.3608, 16.8815, 24.3224



18.0042, 16.8815, 23.8528



17.8568, 16.8815, 13.4958

Rectangle

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



14.2340, 16.8815, 13.8175



13.6285, 16.8815, 19.3136



18.0042, 16.8815, 23.8528



18.7323, 16.8815, 17.4791

Sweetspot

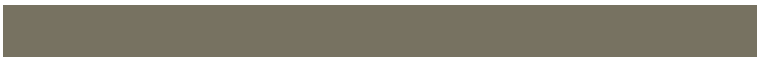
The Sweet Spot groups the original color and five complimentary colors.



14.2345, 16.8822, 13.8179



29.2923, 32.0357, 31.9224



15.7684, 16.7903, 13.7193



6.9034, 7.5739, 7.4915



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.2345, 16.8822, 13.8179



24.3538, 29.6901, 22.6423



13.9686, 16.7124, 15.2869



3.7114, 4.1347, 3.9447



7.4826, 14.2618, 2.3584



35.8299, 69.1727, 11.4633

Inverse Universe

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



14.5445, 13.4592, 19.2849



25.0119, 22.4147, 34.2613



14.8712, 13.6670, 17.5171



3.7492, 3.7180, 4.6103



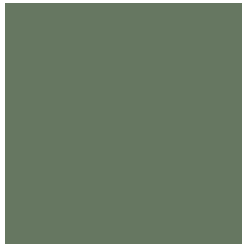
8.2140, 3.8258, 18.8481



39.2604, 18.2480, 91.8132

Previews

White Background



This preview shows how the XYZ color 14.2340, 16.8815, 13.8175 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 14.2340, 16.8815, 13.8175 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

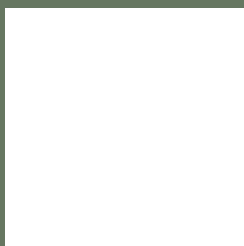
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2340, 16.8815, 13.8175

Background



This preview shows how black text looks on a background with the XYZ color 14.2340, 16.8815, 13.8175.



This preview shows how white text looks on a background with the XYZ color 14.2340, 16.8815,

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

14.2340, 16.8815, 13.8175

Protanopia

15.7834, 16.8358, 13.0074

Deuteranopia

17.0340, 16.7985, 14.1490



Tritanopia

15.7127, 16.7809, 21.4797

Trichromacy



Original Color

14.2340, 16.8815, 13.8175

Protanomaly

15.1210, 16.8277, 13.2776

Deuteranomaly

15.8555, 16.6852, 13.9402

Tritanomaly

15.1084, 16.7089, 18.3484

Monochromacy



Original Color

14.2340, 16.8815, 13.8175

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8032, 16.2634, 15.9946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2340, 16.8815, 13.8175 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(102, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(102, 119, 97)  
}
```

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(102, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 119, 97) }
```

Border

The CSS property to change the border of an element to XYZ 14.2340, 16.8815, 13.8175 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(102, 119, 97) }
```


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

```
.border{ border-color:rgb(102, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(102, 119,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2340, 16.8815, 13.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 119, 97) }
```

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

```
.background{ background-color: rgb(102,  
119, 97) }
```

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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