

Converting Colors

XYZ(14.3808, 16.8555, 16.6465)

Have a look what the booklet for
XYZ(14.3808, 16.8555, 16.6465)
contains.

XYZ(14.4492, 16.9290, 16.6934)	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(14.4492, 16.9290,
16.6934)**

Conversions

Conversions Part 1

Format	Color
Hex	63776C
RGB	99, 119, 108
RGB Percent	39%, 47%, 42%
CMY	0.6118, 0.5333, 0.5765
CMYK	0.17, 0.00, 0.09, 0.53
HSL	147°, 9%, 43%
HSV	147°, 17%, 47%
XYZ	14.4492, 16.9290, 16.6934
YIQ	111.7660, -8.3890, -7.6610

Conversions

Conversions Part 2

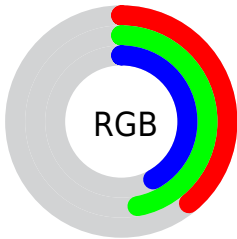
Format	Color
R_{YB}	99, 113, 119
Decimal	6518636
CIE Lab	48.17, -9.74, 3.60
CIE LCh	48, 10.386, 159.745
Yxy	16.9290, 0.3006, 0.3522
Android (android.graphics.Color)	4284708716 (0xFF63776C)
YUV	111.7660, -1.8566, -11.1958
Hunter-Lab	41.1449, -9.3181, 4.7461

Details

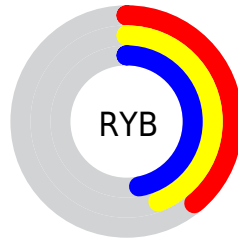
The XYZ color **14.4492, 16.9290, 16.6934** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.8847, 13.9719, 16.6650**, and the grayscale version is **15.3400, 16.1388, 17.5752**.

A 20% lighter version of the original color is **33.3986, 38.1131, 38.3971**, and **4.5117, 5.5735, 5.2529** is the 20% darker color. If you saturate the color by 10%, you get **12.9084, 16.1739, 14.8707**, and if you desaturate by 10%, it is **16.2088, 17.7948, 18.6636**.

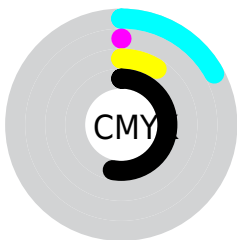
Distribution



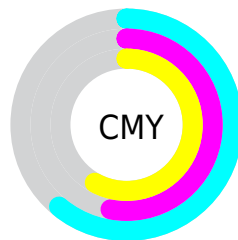
- Red (39%)
- Green (47%)
- Blue (42%)



- Red (39%)
- Yellow (44%)
- Blue (47%)



- Cyan (17%)
- Magenta (0%)
- Yellow (9%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4492, 16.9290, 16.6934 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 14.4492, 16.9290, 16.6934 by changing the saturation by 10% instead.

■ 14.4492, 16.9290,
16.6934

■ 14.4492, 16.9290,
16.6934

213.4628,
234.7629, 245.3831

■ 8.5175, 10.1839,
9.8565

■ 33.4636, 38.2037,
38.5813

■ 4.4824, 5.5210,
5.1996

■ 47.2771, 53.5020,
54.4693

■ 1.9785, 2.5561,
2.3040

■ 64.4485, 72.4202,
74.2115

■ 0.6219, 0.9046,
0.7335

■ 85.3433, 95.3426,
98.2263

■ 0.0000, 0.0000,
0.0000

110.3268,
122.6537, 126.9324

139.7643,

154.7379, 160.7481

174.0212,
191.9795, 200.0922

■ 14.4492, 16.9290,
16.6934

■ 14.4492, 16.9290,
16.6934

■ 12.9084, 16.1739,
14.8707

■ 16.2088, 17.7948,
18.6636

■ 11.5759, 15.5228,
13.1910

■ 18.1940, 18.7734,
20.7835

■ 10.4428, 14.9716,
11.6511

■ 20.4134, 19.8695,
23.0567

■ 9.4987, 14.5149,
10.2474

■ 22.8744, 21.0870,
25.4861

■ 8.7322, 14.1472,
8.9760

■ 25.5843, 22.4295,
28.0748

■ 8.1309, 13.8618,
7.8329

■ 28.5500, 23.9005,
30.8256

■ 7.6802, 13.6516,
6.8137

■ 31.7780, 25.5034,
33.7414

■ 7.3496, 13.5008,
5.9133

■ 35.2748, 27.2414,
36.8250

■ 7.2524, 13.4564,
5.6494

■ 39.0464, 29.1177,
40.0790

Harmonies

Analogous

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



14.9592, 16.9290, 14.7225



14.4492, 16.9290, 16.6934



14.3694, 16.9290, 19.3255

Triad

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



14.4492, 16.9290, 16.6934



16.3993, 16.9290, 24.0370



17.5248, 16.9290, 15.3090

Complementary

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



14.4492, 16.9290, 16.6934



14.8847, 13.9719, 16.6650

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.



17.9439, 16.9290, 17.5680



14.4492, 16.9290, 16.6934



17.2775, 16.9290, 22.7193

Square

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



14.4492, 16.9290, 16.6934



15.4711, 16.9290, 23.7444



17.8516, 16.9290, 20.2890



16.7262, 16.9290, 13.9790

Rectangle

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



14.4492, 16.9290, 16.6934



14.5675, 16.9290, 21.1302



17.8516, 16.9290, 20.2890



17.7161, 16.9290, 15.9754

Sweetspot

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



14.4497, 16.9297, 16.6938



29.5928, 32.1441, 34.0388



15.3215, 17.4317, 14.3618



6.9672, 7.5952, 8.0170



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.



14.4497, 16.9297, 16.6938



24.8082, 29.7918, 28.6542



14.9932, 17.1471, 19.5561



3.7028, 4.1231, 4.2686



7.7001, 14.2941, 5.9769



37.1039, 69.4888, 26.9160

Inverse Universe

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



14.8847, 13.9719, 16.6650



25.7352, 23.4885, 28.5925



14.3865, 13.7726, 14.0418



3.7604, 3.7314, 4.2648



9.1057, 4.5760, 5.7649



43.9367, 22.1248, 25.7940

Previews

White Background



This preview shows how the XYZ color 14.4492, 16.9290, 16.6934 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 14.4492, 16.9290, 16.6934 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

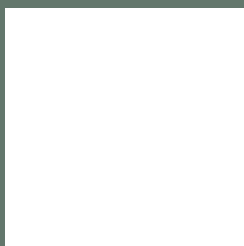
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4492, 16.9290, 16.6934

Background



This preview shows how black text looks on a background with the XYZ color 14.4492, 16.9290, 16.6934.

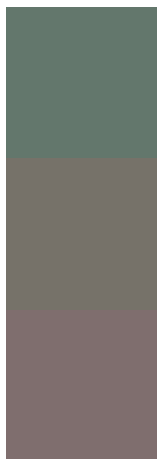


This preview shows how white text looks on a background with the XYZ color 14.4492, 16.9290,

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

14.4492, 16.9290, 16.6934

Protanopia

16.0383, 16.9061, 15.7825

Deuteranopia

17.1428, 16.7897, 17.0891



Tritanopia

15.4908, 16.8219, 22.1692

Trichromacy



Original Color

14.4492, 16.9290, 16.6934

Protanomaly

15.4025, 16.9109, 16.0880

Deuteranomaly

16.0016, 16.6963, 16.8473

Tritanomaly

15.0579, 16.8212, 19.9059

Monochromacy



Original Color

14.4492, 16.9290, 16.6934

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.0634, 16.5350, 17.4366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4492, 16.9290, 16.6934 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(99, 119, 108) looks like.

```
.text, #text, p{  
  color:rgb(99, 119, 108)  
}
```

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(99, 119, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 119, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.4492, 16.9290, 16.6934 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(99, 119, 108) }
```


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

```
.border{ border-color:rgb(99, 119, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 119, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 119, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 119, 108);  
box-shadow:4px 4px 4px 4px rgb(99, 119,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4492, 16.9290, 16.6934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 119, 108) }
```

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

```
.background{ background-color: rgb(99, 119,  
108) }
```

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