

Converting Colors

XYZ(14.3126, 16.4038, 6.9598)

Have a look what the booklet for
XYZ(14.3126, 16.4038, 6.9598)
contains.

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Color

**XYZ(14.3364, 16.3912,
6.9656)**

Conversions

Conversions Part 1

Format	Color
Hex	75733E
RGB	117, 115, 62
RGB Percent	46%, 45%, 24%
CMY	0.5412, 0.5490, 0.7569
CMYK	0.00, 0.02, 0.47, 0.54
HSL	58°, 31%, 35%
HSV	58°, 47%, 46%
XYZ	14.3364, 16.3912, 6.9656
YIQ	109.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

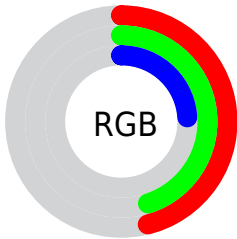
Format	Color
RYB	64, 117, 62
Decimal	7697214
CIELab	47.48, -7.48, 29.47
CIElCh	47, 30.400, 104.243
Yxy	16.3912, 0.3803, 0.4349
Android (android.graphics.Color)	4285887294 (0xFF75733E)
YUV	109.5560, -23.4451, 6.5284
Hunter-Lab	40.4860, -7.6425, 18.1394

Details

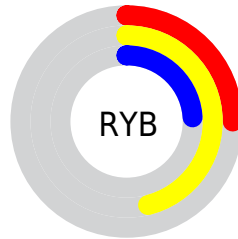
The XYZ color **14.3364, 16.3912, 6.9656** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.0309, 5.9751, 17.6125**, and the grayscale version is **14.7555, 15.5240, 16.9056**.

A 20% lighter version of the original color is **33.2655, 37.3312, 20.4913**, and **4.4154, 5.2450, 1.2699** is the 20% darker color. If you saturate the color by 10%, you get **14.0012, 16.1804, 5.4370**, and if you desaturate by 10%, it is **14.7418, 16.6317, 8.8592**.

Distribution



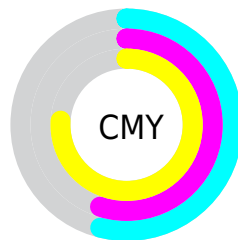
- Red (46%)
- Green (45%)
- Blue (24%)



- Red (25%)
- Yellow (46%)
- Blue (24%)



- Cyan (0%)
- Magenta (2%)
- Yellow (47%)
- Black (54%)





- Cyan (54%)
- Magenta (55%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.3364, 16.3912, 6.9656 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 14.3364, 16.3912, 6.9656 by changing the saturation by 10% instead.


 14.3364, 16.3912,
6.9656


 14.3364, 16.3912,
6.9656

212.7826,
231.6392, 176.9976


 8.4383, 9.8014,
3.3625


 33.2660, 37.2760,
20.4157


 4.4308, 5.2675,
1.2826

 47.0283, 52.3398,
31.0997

 1.9486, 2.4050,
0.0474

 64.1426, 70.9971,
44.9811

 0.6049, 0.8285,
0.0000

 84.9743, 93.6322,
62.4784

 0.0000, 0.0000,
0.0000

 109.8888,
120.6296, 84.0102

 139.2515,

152.3736, 109.9949

173.4276,
189.2487, 140.8512

■ 14.3364, 16.3912,
6.9656

■ 14.3364, 16.3912,
6.9656

■ 14.0012, 16.1804,
5.4370

■ 14.7418, 16.6317,
8.8592

■ 13.7304, 15.9951,
4.2487

■ 15.2203, 16.9011,
11.1382

■ 13.5196, 15.8341,
3.3747

■ 15.7760, 17.2018,
13.8228

■ 13.3629, 15.6952,
2.7847

■ 16.4125, 17.5352,
16.9316

■ 13.2470, 15.5729,
2.4082

■ 17.1330, 17.9025,
20.4818

■ 13.2136, 15.5369,
2.3025

■ 17.9406, 18.3050,
24.4898

■ 18.8384, 18.7440,
28.9711

■ 19.8291, 19.2205,
33.9407

■ 20.9153, 19.7356,
39.4125

Harmonies

Analogous

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



17.0323, 16.3912, 7.0200



14.3364, 16.3912, 6.9656



12.2301, 16.3912, 9.1731

Triad

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



14.3364, 16.3912, 6.9656



12.1478, 16.3912, 30.3631



21.1300, 16.3912, 22.1977

Complementary

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



14.3364, 16.3912, 6.9656



7.0309, 5.9751, 17.6125

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.



19.4902, 16.3912, 30.7607



14.3364, 16.3912, 6.9656



14.2114, 16.3912, 36.3258

Square

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



14.3364, 16.3912, 6.9656



11.0690, 16.3912, 21.7617



16.8921, 16.3912, 36.4893



21.1736, 16.3912, 14.4328

Rectangle

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



14.3364, 16.3912, 6.9656



11.3551, 16.3912, 12.1337



16.8921, 16.3912, 36.4893



20.7394, 16.3912, 25.1207

Sweetspot

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



14.3368, 16.3920, 6.9659



28.5374, 30.9555, 26.1503



10.0058, 7.6061, 5.9041



6.5178, 7.0942, 5.8013



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.3368, 16.3920, 6.9659



25.0482, 28.9587, 9.6301



11.6696, 15.3587, 6.9071



3.9558, 4.2446, 3.9531



14.5560, 17.1132, 2.5360



70.7923, 83.1132, 12.3113

Inverse Universe

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



7.0309, 5.9751, 17.6125



10.3037, 7.9390, 31.1263



8.8408, 6.7440, 17.6655



3.5103, 3.6092, 4.6019



3.5859, 1.5116, 18.6453



17.3381, 7.0928, 90.8155

Previews

White Background



This preview shows how the XYZ color 14.3364, 16.3912, 6.9656 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 14.3364, 16.3912, 6.9656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

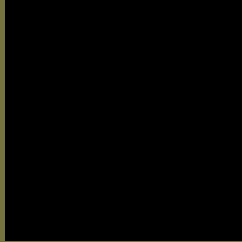
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.3364, 16.3912, 6.9656

Background



This preview shows how black text looks on a background with the XYZ color 14.3364, 16.3912, 6.9656.



This preview shows how white text looks on a background with the XYZ color 14.3364, 16.3912,

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

14.3364, 16.3912, 6.9656

Protanopia

15.0596, 16.4323, 6.7929

Deuteranopia

16.4996, 16.2039, 7.1085



Tritanopia

16.8479, 16.4326, 19.1134

Trichromacy



Original Color

14.3364, 16.3912, 6.9656

Protanomaly

14.7448, 16.4365, 6.8103

Deuteranomaly

15.6791, 16.2566, 7.0141

Tritanomaly

15.7273, 16.2969, 13.6260

Monochromacy



Original Color

14.3364, 16.3912, 6.9656

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5800, 15.8894, 12.6544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3364, 16.3912, 6.9656 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(117, 115, 62)` looks like.

```
.text, #text, p{  
    color:rgb(117, 115, 62)  
}
```

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(117, 115, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 115, 62) }
```

Border

The CSS property to change the border of an element to XYZ 14.3364, 16.3912, 6.9656 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(117, 115, 62) }
```


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

```
.border{ border-color:rgb(117, 115, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 115, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 115, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 115, 62);  
box-shadow:4px 4px 4px 4px rgb(117, 115,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3364, 16.3912, 6.9656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 115, 62) }
```

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

```
.background{ background-color: rgb(117,  
115, 62) }
```

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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