

Converting Colors

XYZ(14.2780, 16.6463, 17.5002)

Have a look what the booklet for
XYZ(14.2780, 16.6463, 17.5002)
contains.

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Color

**XYZ(14.2774, 16.6460,
17.4994)**

Conversions

Conversions Part 1

Format	Color
Hex	61766F
RGB	97, 118, 111
RGB Percent	38%, 46%, 44%
CMY	0.6196, 0.5372, 0.5647
CMYK	0.18, 0.00, 0.06, 0.54
HSL	160°, 10%, 42%
HSV	160°, 18%, 46%
XYZ	14.2774, 16.6460, 17.4994
YIQ	110.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

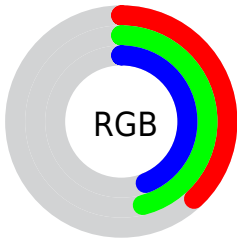
Format	Color
R_{YB}	97, 110, 118
Decimal	6387311
CIE _{Lab}	47.81, -9.26, 1.28
CIE _{LCh}	48, 9.344, 172.127
Yxy	16.6460, 0.2948, 0.3438
Android (android.graphics.Color)	4284577391 (0xFF61766F)
YUV	110.9230, 0.0380, -12.2105
Hunter-Lab	40.7995, -8.9348, 3.1295

Details

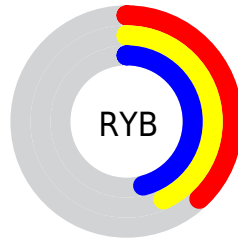
The XYZ color **14.2774, 16.6460, 17.4994** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2452, 13.4007, 14.9332**, and the grayscale version is **15.0895, 15.8753, 17.2882**.

A 20% lighter version of the original color is **33.1983, 37.6897, 40.1754**, and **4.4028, 5.4173, 5.5162** is the 20% darker color. If you saturate the color by 10%, you get **12.9006, 15.9612, 16.3292**, and if you desaturate by 10%, it is **15.8517, 17.4325, 18.7294**.

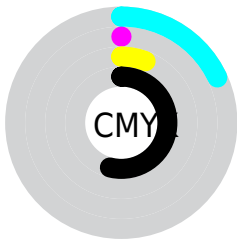
Distribution



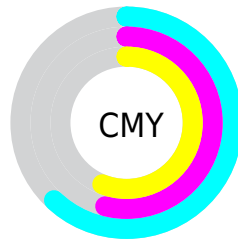
- Red (38%)
- Green (46%)
- Blue (44%)



- Red (38%)
- Yellow (43%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (54%)



- Cyan (62%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2774, 16.6460, 17.4994 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 14.2774, 16.6460, 17.4994 by changing the saturation by 10% instead.

■ 14.2774, 16.6460,
17.4994

■ 14.2774, 16.6460,
17.4994

212.4260,
233.1240, 250.1747

■ 8.3968, 9.9824,
10.4255

■ 33.1626, 37.7161,
39.9848

■ 4.4038, 5.3873,
5.5727

■ 46.8980, 52.8914,
56.2333

■ 1.9330, 2.4763,
2.5225

■ 63.9823, 71.6728,
76.3772

■ 0.5959, 0.8647,
0.8520

■ 84.7809, 94.4446,
100.8349

■ 0.0000, 0.0000,
0.0000

109.6593,
121.5912, 130.0249

138.9827,

153.4971, 164.3659

173.1165,
190.5466, 204.2763

■ 14.2774, 16.6460,
17.4994

■ 14.2774, 16.6460,
17.4994

■ 12.9006, 15.9612,
16.3292

■ 15.8517, 17.4325,
18.7294

■ 11.7117, 15.3716,
15.2166

■ 17.6300, 18.3225,
20.0190

■ 10.7020, 14.8735,
14.1610

■ 19.6202, 19.3207,
21.3696

■ 9.8619, 14.4616,
13.1611

■ 21.8293, 20.4305,
22.7820

■ 9.1807, 14.1307,
12.2160

■ 24.2639, 21.6555,
24.2573

■ 8.6464, 13.8744,
11.3242

■ 26.9306, 22.9989,
25.7962

■ 8.2454, 13.6858,
10.4845

■ 29.8354, 24.4639,
27.3997

■ 7.9419, 13.5466,
9.6944

■ 32.9842, 26.0535,
29.0686

■ 7.8778, 13.5172,
9.5266

■ 36.3828, 27.7707,
30.8036

Harmonies

Analogous

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



14.5825, 16.6460, 15.4348



14.2774, 16.6460, 17.4994



14.3743, 16.6460, 19.9203

Triad

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



14.2774, 16.6460, 17.4994



16.4367, 16.6460, 22.7480



16.8322, 16.6460, 14.7183

Complementary

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



14.2774, 16.6460, 17.4994



14.2452, 13.4007, 14.9332

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.



17.3627, 16.6460, 16.4403



14.2774, 16.6460, 17.4994



17.1288, 16.6460, 21.1101

Square

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



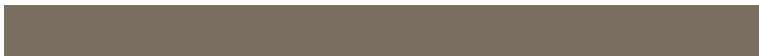
14.2774, 16.6460, 17.4994



15.6017, 16.6460, 23.0948



17.4731, 16.6460, 18.7646



16.0434, 16.6460, 13.9243

Rectangle

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



14.2774, 16.6460, 17.4994



14.6555, 16.6460, 21.4021



17.4731, 16.6460, 18.7646



17.0478, 16.6460, 15.2002

Sweetspot

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



14.2779, 16.6467, 17.4998



28.6714, 31.0506, 33.5265



14.3862, 16.7848, 13.7909



6.5538, 7.1199, 7.6800



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.



14.2779, 16.6467, 17.4998



24.1623, 28.7997, 29.9901



14.3139, 16.0774, 19.4893



3.7339, 4.1355, 4.4325



8.5163, 14.6205, 10.2748



41.0913, 71.0838, 47.9131

Inverse Universe

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



14.2452, 13.4007, 14.9332



24.0948, 22.0700, 24.6701



14.2009, 13.8581, 13.2357



3.7297, 3.7191, 4.1032



8.4797, 4.3256, 2.4682



40.9621, 20.9349, 10.1295

Previews

White Background



This preview shows how the XYZ color 14.2774, 16.6460, 17.4994 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 14.2774, 16.6460, 17.4994 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 14.2774, 16.6460, 17.4994

Background



This preview shows how black text looks on a background with the XYZ color 14.2774, 16.6460, 17.4994.



This preview shows how white text looks on a background with the XYZ color 14.2774, 16.6460,

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

14.2774, 16.6460, 17.4994

Protanopia

15.8144, 16.6060, 16.5591

Deuteranopia

16.8687, 16.6292, 17.9435



Tritanopia

15.2026, 16.6808, 21.8205

Trichromacy



Original Color

14.2774, 16.6460, 17.4994

Protanomaly

15.1977, 16.6168, 16.8744

Deuteranomaly

15.7692, 16.5575, 17.6940

Tritanomaly

14.8970, 16.7313, 20.2136

Monochromacy



Original Color

14.2774, 16.6460, 17.4994

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8304, 16.2465, 17.3932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2774, 16.6460, 17.4994 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(97, 118, 111)` looks like.

```
.text, #text, p{  
    color:rgb(97, 118, 111)  
}
```

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(97, 118, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 118, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.2774, 16.6460, 17.4994 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(97, 118, 111) }
```


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

```
.border{ border-color:rgb(97, 118, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 118, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 118, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 118, 111);  
box-shadow:4px 4px 4px 4px rgb(97, 118,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2774, 16.6460, 17.4994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 118, 111) }
```

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

```
.background{ background-color: rgb(97, 118,  
111) }
```

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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