

Converting Colors

XYZ(14.5996, 16.6923, 17.3913)

Have a look what the booklet for
XYZ(14.5996, 16.6923, 17.3913)
contains.

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Color

**XYZ(14.5974, 16.6370,
17.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	65756F
RGB	101, 117, 111
RGB Percent	40%, 46%, 44%
CMY	0.6039, 0.5412, 0.5647
CMYK	0.14, 0.00, 0.05, 0.54
HSL	157°, 7%, 43%
HSV	157°, 14%, 46%
XYZ	14.5974, 16.6370, 17.4808
YIQ	111.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

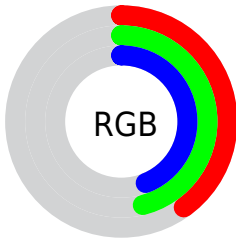
Format	Color
R_{YB}	101, 111, 117
Decimal	6649199
CIE Lab	47.80, -7.24, 1.30
CIE LCh	48, 7.351, 169.824
Yxy	16.6370, 0.2996, 0.3415
Android (android.graphics.Color)	4284839279 (0xFF65756F)
YUV	111.5320, -0.2623, -9.2366
Hunter-Lab	40.7885, -7.4982, 3.1419

Details

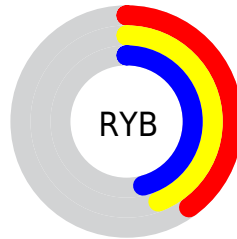
The XYZ color **14.5974, 16.6370, 17.4808** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6443, 14.1513, 15.8704**, and the grayscale version is **15.2669, 16.0620, 17.4915**.

A 20% lighter version of the original color is **33.7477, 37.6957, 40.1476**, and **4.5466, 5.3994, 5.5052** is the 20% darker color. If you saturate the color by 10%, you get **13.1439, 15.9154, 16.1824**, and if you desaturate by 10%, it is **16.2503, 17.4609, 18.8512**.

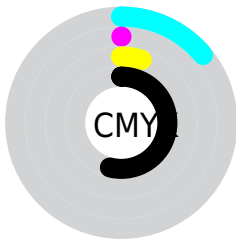
Distribution



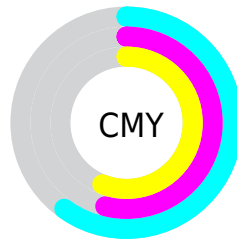
- Red (40%)
- Green (46%)
- Blue (44%)



- Red (40%)
- Yellow (44%)
- Blue (46%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5974, 16.6370, 17.4808 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 14.5974, 16.6370, 17.4808 by changing the saturation by 10% instead.

■ 14.5974, 16.6370,
17.4808

■ 14.5974, 16.6370,
17.4808

214.3533,
233.0717, 250.0651

■ 8.6218, 9.9760,
10.4123

■ 33.7228, 37.7006,
39.9525

■ 4.5504, 5.3831,
5.5640

■ 47.6033, 52.8720,
56.1928

■ 2.0180, 2.4737,
2.5174

■ 64.8496, 71.6490,
76.3275

■ 0.6440, 0.8634,
0.8493

■ 85.8268, 94.4160,
100.7751

■ 0.0000, 0.0000,
0.0000

110.9005,
121.5574, 129.9541

140.4359,

153.4575, 164.2831

174.7984,
190.5008, 204.1806

■ 14.5974, 16.6370,
17.4808

■ 14.5974, 16.6370,
17.4808

■ 13.1439, 15.9154,
16.1824

■ 16.2503, 17.4609,
18.8512

■ 11.8803, 15.2898,
14.9537

■ 18.1087, 18.3890,
20.2937

■ 10.7985, 14.7567,
13.7937

■ 20.1802, 19.4255,
21.8100

■ 9.8893, 14.3113,
12.7010

■ 22.4716, 20.5739,
23.4010

■ 9.1426, 13.9483,
11.6744

■ 24.9893, 21.8375,
25.0679

■ 8.5472, 13.6620,
10.7121

■ 27.7397, 23.2196,
26.8119

■ 8.0905, 13.4460,
9.8128

■ 30.7286, 24.7232,
28.6340

■ 7.7550, 13.2913,
8.9746

■ 33.9618, 26.3513,
30.5352

■ 7.5681, 13.2058,
8.4737

■ 37.4449, 28.1066,
32.5165

Harmonies

Analogous

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



14.8637, 16.6370, 15.8715



14.5974, 16.6370, 17.4808



14.6498, 16.6370, 19.3746

Triad

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



14.5974, 16.6370, 17.4808



16.2469, 16.6370, 21.7506



16.6452, 16.6370, 15.4793

Complementary

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



14.5974, 16.6370, 17.4808



14.6443, 14.1513, 15.8704

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.



17.0361, 16.6370, 16.9110



14.5974, 16.6370, 17.4808



16.8018, 16.6370, 20.5602

Square

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



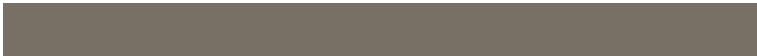
14.5974, 16.6370, 17.4808



15.5900, 16.6370, 21.9297



17.0942, 16.6370, 18.7641



16.0381, 16.6370, 14.7703

Rectangle

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



14.5974, 16.6370, 17.4808



14.8589, 16.6370, 20.5416



17.0942, 16.6370, 18.7641



16.8070, 16.6370, 15.8872

Sweetspot

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



14.5979, 16.6377, 17.4812



28.9643, 31.1992, 33.6479



14.7903, 16.7970, 14.7749



6.6144, 7.1507, 7.7000



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.



14.5979, 16.6377, 17.4812



25.3919, 29.4201, 30.6530



14.7243, 16.3437, 19.2090



3.7278, 4.1331, 4.4006



8.3303, 14.5461, 9.2957



40.1694, 70.7150, 43.0585

Inverse Universe

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



14.6443, 14.1513, 15.8704



25.4899, 24.1730, 27.2542



14.5227, 14.3960, 14.3255



3.7355, 3.7215, 4.1340



8.5742, 4.3634, 2.9658



41.3970, 21.1089, 12.4197

Previews

White Background



This preview shows how the XYZ color 14.5974, 16.6370, 17.4808 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 14.5974, 16.6370, 17.4808 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 14.5974, 16.6370, 17.4808

Background



This preview shows how black text looks on a background with the XYZ color 14.5974, 16.6370, 17.4808.



This preview shows how white text looks on a background with the XYZ color 14.5974, 16.6370,

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

14.5974, 16.6370, 17.4808

Protanopia

15.8679, 16.6274, 16.8411

Deuteranopia

16.8687, 16.6292, 17.9435



Tritanopia

15.3623, 16.6003, 21.4633

Trichromacy



Original Color

14.5974, 16.6370, 17.4808

Protanomaly

15.3873, 16.5399, 17.1334

Deuteranomaly

16.0322, 16.6931, 17.7063

Tritanomaly

15.0547, 16.6475, 19.8726

Monochromacy



Original Color

14.5974, 16.6370, 17.4808

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1263, 16.3926, 17.6961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5974, 16.6370, 17.4808 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(101, 117, 111)` looks like.

```
.text, #text, p{  
    color:rgb(101, 117, 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(101, 117, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 117, 111) }
```

Border

The CSS property to change the border of an element to XYZ 14.5974, 16.6370, 17.4808 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(101, 117, 111) }
```


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

```
.border{ border-color:rgb(101, 117, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 117, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 117, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 117, 111);  
box-shadow:4px 4px 4px 4px rgb(101, 117,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5974, 16.6370, 17.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 117, 111) }
```

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

```
.background{ background-color: rgb(101,  
117, 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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