

Converting Colors

XYZ(14.7293, 15.9561, 14.6103)

Have a look what the booklet for
XYZ(14.7293, 15.9561, 14.6103)
contains.

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Color

**XYZ(14.6987, 15.9074,
14.6077)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7065
RGB	111, 112, 101
RGB Percent	44%, 44%, 40%
CMY	0.5647, 0.5608, 0.6039
CMYK	0.01, 0.00, 0.10, 0.56
HSL	65°, 5%, 42%
HSV	65°, 10%, 44%
XYZ	14.6987, 15.9074, 14.6077
YIQ	110.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

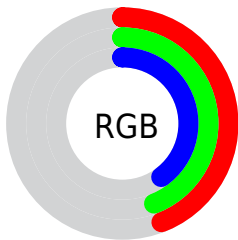
Format	Color
RYB	101, 112, 102
Decimal	7303269
CIELab	46.85, -2.54, 5.98
CIELCh	47, 6.497, 112.984
Yxy	15.9074, 0.3251, 0.3518
Android (android.graphics.Color)	4285493349 (0xFF6F7065)
YUV	110.4470, -4.6574, 0.4850
Hunter-Lab	39.8841, -4.0136, 6.2037

Details

The XYZ color **14.6987, 15.9074, 14.6077** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.0584, 13.3024, 17.2094**, and the grayscale version is **14.9623, 15.7415, 17.1425**.

A 20% lighter version of the original color is **34.0472, 36.6044, 34.9766**, and **4.5491, 4.9899, 4.2134** is the 20% darker color. If you saturate the color by 10%, you get **14.0595, 15.6375, 11.9058**, and if you desaturate by 10%, it is **15.4150, 16.2094, 17.7043**.

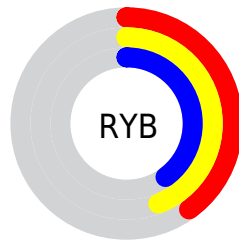
Distribution



Red (44%)

Green (44%)

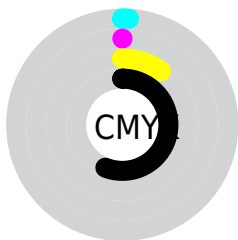
Blue (40%)



Red (40%)

Yellow (44%)

Blue (40%)

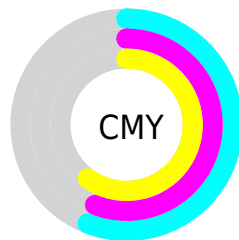


Cyan (1%)

Magenta (0%)

Yellow (10%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.6987, 15.9074, 14.6077 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 14.6987, 15.9074, 14.6077 by changing the saturation by 10% instead.

■ 14.6987, 15.9074,
14.6077

■ 14.6987, 15.9074,
14.6077

214.9599,
228.7947, 232.5377

■ 8.6931, 9.4587,
8.4010

■ 33.8998, 36.4374,
34.8960

■ 4.5971, 5.0415,
4.2611

■ 47.8259, 51.2874,
49.8147

■ 2.0452, 2.2717,
1.7697

■ 65.1231, 69.7066,
68.4744

■ 0.6591, 0.7586,
0.4078

■ 86.1565, 92.0794,
91.2937

■ 0.0000, 0.0000,
0.0000

111.2915,
118.7903, 118.6911

140.8935,

150.2235, 151.0852

175.3279,
186.7635, 188.8946

■ 14.6987, 15.9074,
14.6077

■ 14.6987, 15.9074,
14.6077

■ 14.0595, 15.6375,
11.9058

■ 15.4150, 16.2094,
17.7043

■ 13.4931, 15.3964,
9.5818

■ 16.2101, 16.5425,
21.2096

■ 12.9968, 15.1835,
7.6191

■ 17.0869, 16.9085,
25.1381

■ 12.5671, 14.9973,
5.9995

■ 18.0482, 17.3084,
29.5031

■ 12.2003, 14.8365,
4.7033

■ 19.0962, 17.7432,
34.3177

■ 11.8921, 14.6994,
3.7087

■ 20.2335, 18.2139,
39.5941

■ 11.6380, 14.5840,
2.9913

■ 21.4622, 18.7213,
45.3442

■ 11.4326, 14.4883,
2.5228

■ 22.7845, 19.2663,
51.5795

■ 11.2549, 14.4038,
2.1927

■ 24.2025, 19.8498,
58.3110

Harmonies

Analogous

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



15.2528, 15.9074, 14.4087



14.6987, 15.9074, 14.6077



14.2674, 15.9074, 15.5117

Triad

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



14.6987, 15.9074, 14.6077



14.4740, 15.9074, 19.9291



16.2251, 15.9074, 17.7038

Complementary

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



14.6987, 15.9074, 14.6077



13.0584, 13.3024, 17.2094

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.



16.0048, 15.9074, 19.2646



14.6987, 15.9074, 14.6077



14.9870, 15.9074, 20.6003

Square

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



14.6987, 15.9074, 14.6077



14.1400, 15.9074, 18.5657



15.5483, 15.9074, 20.3498



16.1433, 15.9074, 16.1322

Rectangle

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



14.6987, 15.9074, 14.6077



14.1030, 15.9074, 16.4246



15.5483, 15.9074, 20.3498



16.1838, 15.9074, 18.2483

Sweetspot

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



14.6991, 15.9081, 14.6080



26.6547, 28.2962, 29.2521



13.7747, 13.8711, 14.2636



6.3820, 6.7889, 6.9339



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.6991, 15.9081, 14.6080



25.5292, 27.8219, 24.4150



14.0381, 15.5673, 14.5771



3.6134, 3.9016, 3.6360



12.9974, 16.6441, 2.5276



64.3655, 82.7156, 12.5733

Inverse Universe

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



13.0584, 13.3024, 17.2094



21.9739, 22.1756, 30.0519



13.6924, 13.6293, 17.2391



3.2432, 3.3137, 4.2229



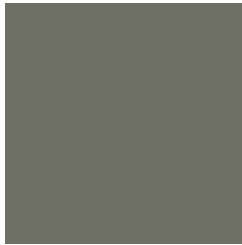
3.5179, 1.4230, 17.8109



17.1851, 6.9136, 88.7078

Previews

White Background



This preview shows how the XYZ color 14.6987, 15.9074, 14.6077 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 14.6987, 15.9074, 14.6077 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

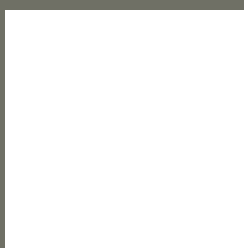
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.6987, 15.9074, 14.6077

Background



This preview shows how black text looks on a background with the XYZ color 14.6987, 15.9074, 14.6077.



This preview shows how white text looks on a background with the XYZ color 14.6987, 15.9074,

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

14.6987, 15.9074, 14.6077

Protanopia

15.0549, 15.9338, 14.3386

Deuteranopia

16.1134, 15.8347, 14.7775



Tritanopia

15.6560, 15.9706, 19.3970

Trichromacy



Original Color

14.6987, 15.9074, 14.6077

Protanomaly

14.9241, 15.8664, 14.3325

Deuteranomaly

15.6126, 15.8897, 14.8145

Tritanomaly

15.2912, 15.9835, 17.6084

Monochromacy



Original Color

14.6987, 15.9074, 14.6077

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.7687, 15.7454, 16.1707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.6987, 15.9074, 14.6077 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(111, 112, 101)` looks like.

```
.text, #text, p{  
    color:rgb(111, 112, 101)  
}
```

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(111, 112, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 112, 101) }
```

Border

The CSS property to change the border of an element to XYZ 14.6987, 15.9074, 14.6077 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(111, 112, 101) }
```


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

```
.border{ border-color:rgb(111, 112, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 112, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 112, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 112, 101);  
box-shadow:4px 4px 4px 4px rgb(111, 112,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 14.6987, 15.9074, 14.6077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 112, 101) }
```

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

```
.background{ background-color: rgb(111,  
112, 101) }
```

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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