

Converting Colors

XYZ(14.8084, 16.0078, 11.3804)

Have a look what the booklet for
XYZ(14.8084, 16.0078, 11.3804)
contains.

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Color

**XYZ(14.8506, 16.0584,
11.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	757057
RGB	117, 112, 87
RGB Percent	46%, 44%, 34%
CMY	0.5412, 0.5608, 0.6588
CMYK	0.00, 0.04, 0.26, 0.54
HSL	50°, 15%, 40%
HSV	50°, 26%, 46%
XYZ	14.8506, 16.0584, 11.3337
YIQ	110.6450, 11.0050, -6.7150

Conversions

Conversions Part 2

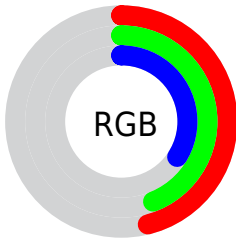
Format	Color
RYB	93, 117, 87
Decimal	7696471
CIELab	47.05, -2.47, 14.63
CIElCh	47, 14.835, 99.585
Yxy	16.0584, 0.3516, 0.3801
Android (android.graphics.Color)	4285886551 (0xFF757057)
YUV	110.6450, -11.6570, 5.5733
Hunter-Lab	40.0729, -3.9774, 11.2823

Details

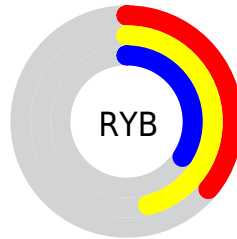
The XYZ color **14.8506, 16.0584, 11.3337** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9684, 10.9646, 18.3680**, and the grayscale version is **15.0374, 15.8205, 17.2286**.

A 20% lighter version of the original color is **34.1530, 36.7921, 28.9684**, and **4.6175, 5.0558, 2.8303** is the 20% darker color. If you saturate the color by 10%, you get **14.1983, 15.4577, 8.9461**, and if you desaturate by 10%, it is **15.5859, 16.7009, 14.1317**.

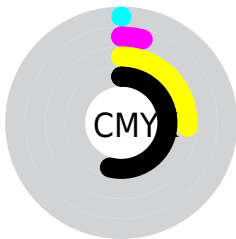
Distribution



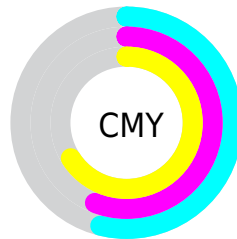
- Red (46%)
- Green (44%)
- Blue (34%)



- Red (36%)
- Yellow (46%)
- Blue (34%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8506, 16.0584, 11.3337 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 14.8506, 16.0584, 11.3337 by changing the saturation by 10% instead.

■ 14.8506, 16.0584,
11.3337

■ 14.8506, 16.0584,
11.3337

215.8665,
229.6861, 210.7618

■ 8.8002, 9.5655,
6.1748

■ 34.1647, 36.6996,
28.9216

■ 4.6672, 5.1118,
2.8811

■ 48.1591, 51.6166,
42.1877

■ 2.0861, 2.3130,
1.0343

■ 65.5323, 70.1105,
58.9932

■ 0.6816, 0.7806,
0.0000

■ 86.6495, 92.5656,
79.7568

■ 0.0000, 0.0000,
0.0000

■ 111.8762,
119.3663, 104.8969

141.5777,

150.8970, 134.8320

176.1194,
187.5421, 169.9808

■ 14.8506, 16.0584,
11.3337

■ 14.8506, 16.0584,
11.3337

■ 14.1983, 15.4577,
8.9461

■ 15.5859, 16.7009,
14.1317

■ 13.6239, 14.8950,
6.9481

■ 16.4065, 17.3844,
17.3574

■ 13.1239, 14.3694,
5.3190

■ 17.3160, 18.1111,
21.0284

■ 12.6938, 13.8790,
4.0353

■ 18.3176, 18.8822,
25.1608

■ 12.3287, 13.4219,
3.0712

■ 19.4143, 19.6989,
29.7701

■ 12.0227, 12.9957,
2.3969

■ 20.6088, 20.5624,
34.8712

■ 11.7657, 12.5962,
1.9577

■ 21.9039, 21.4739,
40.4779

■ 11.6583, 12.4262,
1.7840

■ 23.3021, 22.4344,
46.6039

■ 24.8060, 23.4450,
53.2623

Harmonies

Analogous

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



16.1516, 16.0584, 11.5976



14.8506, 16.0584, 11.3337



13.7251, 16.0584, 12.5280

Triad

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



14.8506, 16.0584, 11.3337



13.4166, 16.0584, 22.4545



17.7274, 16.0584, 20.1025

Complementary

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



14.8506, 16.0584, 11.3337



10.9684, 10.9646, 18.3680

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.



16.9118, 16.0584, 23.6021



14.8506, 16.0584, 11.3337



14.4077, 16.0584, 25.0881

Square

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



14.8506, 16.0584, 11.3337



12.9287, 16.0584, 18.7041



15.6830, 16.0584, 25.5356



17.8626, 16.0584, 16.3198

Rectangle

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



14.8506, 16.0584, 11.3337



13.2074, 16.0584, 14.1055



15.6830, 16.0584, 25.5356



17.5216, 16.0584, 21.3649

Sweetspot

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



14.8510, 16.0591, 11.3340



28.9871, 30.8090, 29.5247



12.6762, 11.3712, 11.6522



6.6213, 7.0477, 6.6172



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.



14.8510, 16.0591, 11.3340



25.8567, 28.0853, 17.5769



14.1451, 16.5366, 11.4634



3.9172, 4.1675, 3.9402



12.8354, 13.6719, 1.9625



62.0114, 65.5513, 9.3843

Inverse Universe

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



10.9684, 10.9646, 18.3680



17.6004, 17.2533, 32.5396



11.5490, 10.6423, 18.2752



3.5454, 3.6794, 4.6136



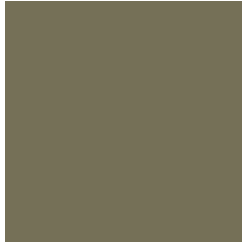
3.7948, 1.9292, 18.7149



18.0544, 8.5253, 91.0543

Previews

White Background



This preview shows how the XYZ color 14.8506, 16.0584, 11.3337 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 14.8506, 16.0584, 11.3337 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 14.8506, 16.0584, 11.3337

Background



This preview shows how black text looks on a background with the XYZ color 14.8506, 16.0584, 11.3337.



This preview shows how white text looks on a background with the XYZ color 14.8506, 16.0584,

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

14.8506, 16.0584, 11.3337

Protanopia

15.0125, 15.9789, 11.3098

Deuteranopia

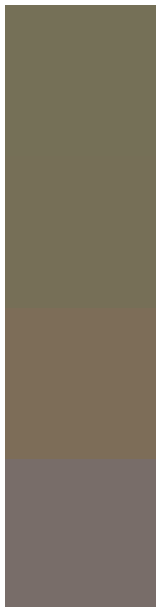
16.2251, 15.9658, 11.4591



Tritanopia

16.4001, 16.0510, 18.7568

Trichromacy



Original Color

14.8506, 16.0584, 11.3337

Protanomaly

14.8760, 15.9086, 11.3034

Deuteranomaly

15.6875, 16.0018, 11.4944

Tritanomaly

15.7642, 15.9503, 15.6124

Monochromacy



Original Color

14.8506, 16.0584, 11.3337

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.8928, 15.8389, 14.8427

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8506, 16.0584, 11.3337 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, 112, 87)` looks like.

```
.text, #text, p{  
    color:rgb(117, 112, 87)  
}
```

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, 112, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 112, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.8506, 16.0584, 11.3337 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, 112, 87) }
```


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

```
.border{ border-color:rgb(117, 112, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 112, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 112, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 112, 87);  
box-shadow:4px 4px 4px 4px rgb(117, 112,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8506, 16.0584, 11.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 112, 87) }
```

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

```
.background{ background-color: rgb(117,  
112, 87) }
```

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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