

Converting Colors

XYZ(14.5997, 16.7819, 12.5964)

Have a look what the booklet for
XYZ(14.5997, 16.7819, 12.5964)
contains.

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Color

**XYZ(14.5997, 16.7465,
12.5881)**

Conversions

Conversions Part 1

Format	Color
Hex	6D755C
RGB	109, 117, 92
RGB Percent	43%, 46%, 36%
CMY	0.5725, 0.5412, 0.6392
CMYK	0.07, 0.00, 0.21, 0.54
HSL	79°, 12%, 41%
HSV	79°, 21%, 46%
XYZ	14.5997, 16.7465, 12.5881
YIQ	111.7580, 3.2570, -9.4710

Conversions

Conversions Part 2

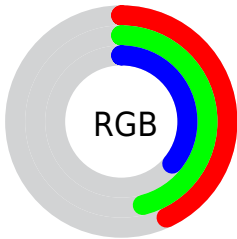
Format	Color
RYB	92, 117, 100
Decimal	7173468
CIELab	47.94, -7.82, 12.81
CIELCh	48, 15.009, 121.415
Yxy	16.7465, 0.3323, 0.3812
Android (android.graphics.Color)	4285363548 (0xFF6D755C)
YUV	111.7580, -9.7407, -2.4188
Hunter-Lab	40.9225, -7.9319, 10.4076

Details

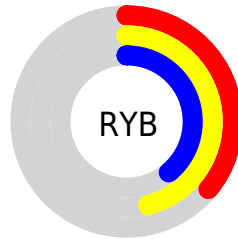
The XYZ color **14.5997, 16.7465, 12.5881** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2943, 11.6484, 18.4310**, and the grayscale version is **15.3575, 16.1573, 17.5953**.

A 20% lighter version of the original color is **33.7684, 37.9060, 31.1280**, and **4.5457, 5.4456, 3.3963** is the 20% darker color. If you saturate the color by 10%, you get **13.6764, 16.3257, 10.0781**, and if you desaturate by 10%, it is **15.6225, 17.2105, 15.5159**.

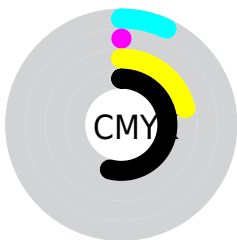
Distribution



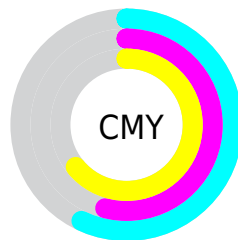
- Red (43%)
- Green (46%)
- Blue (36%)



- Red (36%)
- Yellow (46%)
- Blue (39%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (54%)



- Cyan (57%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5997, 16.7465, 12.5881 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 14.5997, 16.7465, 12.5881 by changing the saturation by 10% instead.

■ 14.5997, 16.7465,
12.5881

■ 14.5997, 16.7465,
12.5881

214.3671,
233.7073, 219.3750

■ 8.6234, 10.0539,
7.0182

■ 33.7268, 37.8894,
31.2420

■ 4.5515, 5.4347,
3.3948

■ 47.6084, 53.1085,
45.1631

■ 2.0186, 2.5045,
1.2996

■ 64.8558, 71.9386,
62.7050

■ 0.6444, 0.8789,
0.0615

■ 85.8343, 94.7640,
84.2862

■ 0.0000, 0.0000,
0.0000

110.9093,
121.9692, 110.3252

140.4463,

153.9386, 141.2407

174.8104,
191.0564, 177.4511

■ 14.5997, 16.7465,
12.5881

■ 14.5997, 16.7465,
12.5881

■ 13.6764, 16.3257,
10.0781

■ 15.6225, 17.2105,
15.5159

■ 12.8475, 15.9442,
7.9658

■ 16.7472, 17.7171,
18.8781

■ 12.1093, 15.6013,
6.2310

■ 17.9775, 18.2682,
22.6921

■ 11.4572, 15.2950,
4.8512

■ 19.3168, 18.8653,
26.9736

■ 10.8864, 15.0234,
3.8018

■ 20.7681, 19.5095,
31.7379

■ 10.3912, 14.7841,
3.0549

■ 22.3345, 20.2021,
36.9993

■ 9.9652, 14.5746,
2.5780

■ 24.0187, 20.9444,
42.7716

■ 9.6322, 14.4093,
2.2736

■ 25.8235, 21.7373,
49.0683

■ 27.7515, 22.5819,
55.9020

Harmonies

Analogous

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



15.8529, 16.7465, 11.7562



14.5997, 16.7465, 12.5881



13.7410, 16.7465, 14.8978

Triad

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



14.5997, 16.7465, 12.5881



14.7050, 16.7465, 25.5869



18.6608, 16.7465, 18.0508

Complementary

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



14.5997, 16.7465, 12.5881



12.2943, 11.6484, 18.4310

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.



18.3115, 16.7465, 22.0346



14.5997, 16.7465, 12.5881



15.9813, 16.7465, 26.7387

Square

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



14.5997, 16.7465, 12.5881



13.7993, 16.7465, 22.3980



17.3113, 16.7465, 25.3571



18.2411, 16.7465, 14.6211

Rectangle

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



14.5997, 16.7465, 12.5881



13.4817, 16.7465, 17.1448



17.3113, 16.7465, 25.3571



18.6293, 16.7465, 19.3686

Sweetspot

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



14.6001, 16.7472, 12.5885



29.0005, 31.2805, 30.8227



13.8177, 13.6535, 12.0326



6.6459, 7.1821, 7.0217



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.



14.6001, 16.7472, 12.5885



25.2445, 29.5783, 20.0665



13.1791, 16.0146, 12.5220



3.8581, 4.2103, 3.9516



10.5955, 15.8666, 2.5041



50.7124, 76.8450, 12.1597

Inverse Universe

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



12.2943, 11.6484, 18.4310



20.2768, 18.5914, 32.6568



13.7739, 12.4112, 18.5002



3.6008, 3.6415, 4.6033



4.3812, 1.8499, 18.6687



20.5471, 8.6009, 90.9375

Previews

White Background



This preview shows how the XYZ color 14.5997, 16.7465, 12.5881 looks on a white background.

Color Contrast Check

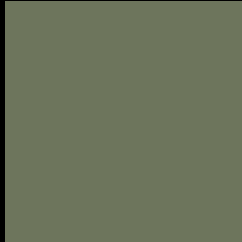
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5997, 16.7465, 12.5881 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

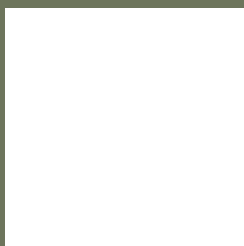
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.5997, 16.7465, 12.5881

Background



This preview shows how black text looks on a background with the XYZ color 14.5997, 16.7465, 12.5881.



This preview shows how white text looks on a background with the XYZ color 14.5997, 16.7465,

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

14.5997, 16.7465, 12.5881

Protanopia

15.6357, 16.6134, 12.0555

Deuteranopia

17.0047, 16.6510, 12.9074



Tritanopia

16.2280, 16.7261, 20.7855

Trichromacy



Original Color

14.5997, 16.7465, 12.5881

Protanomaly

15.2418, 16.5719, 12.2929

Deuteranomaly

16.0821, 16.6637, 12.7247

Tritanomaly

15.5686, 16.6271, 17.4277

Monochromacy



Original Color

14.5997, 16.7465, 12.5881

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1227, 16.4341, 15.7396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5997, 16.7465, 12.5881 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(109, 117, 92) looks like.

```
.text, #text, p{  
    color:rgb(109, 117, 92)  
}
```

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(109, 117, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 117, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.5997, 16.7465, 12.5881 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(109, 117, 92) }
```


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

```
.border{ border-color:rgb(109, 117, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 117, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 117, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 117, 92);  
box-shadow:4px 4px 4px 4px rgb(109, 117,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5997, 16.7465, 12.5881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 117, 92) }
```

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

```
.background{ background-color: rgb(109,  
117, 92) }
```

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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