

Converting Colors

XYZ(14.7526, 17.3143, 12.7701)

Have a look what the booklet for
XYZ(14.7526, 17.3143, 12.7701)
contains.

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Color

**XYZ(14.7116, 17.3314,
12.6951)**

Conversions

Conversions Part 1

Format	Color
Hex	6B785C
RGB	107, 120, 92
RGB Percent	42%, 47%, 36%
CMY	0.5804, 0.5294, 0.6392
CMYK	0.11, 0.00, 0.23, 0.53
HSL	88°, 13%, 42%
HSV	88°, 23%, 47%
XYZ	14.7116, 17.3314, 12.6951
YIQ	112.9210, 1.2400, -11.4640

Conversions

Conversions Part 2

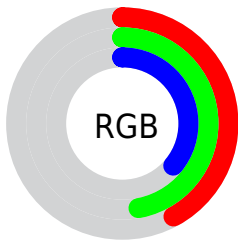
Format	Color
RYB	92, 120, 105
Decimal	7043164
CIELab	48.67, -10.31, 13.80
CIELCh	49, 17.229, 126.766
Yxy	17.3314, 0.3288, 0.3874
Android (android.graphics.Color)	4285233244 (0xFF6B785C)
YUV	112.9210, -10.3141, -5.1927
Hunter-Lab	41.6310, -9.7758, 11.0616

Details

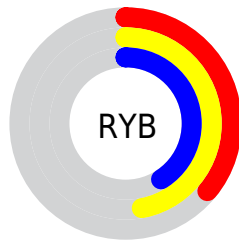
The XYZ color **14.7116, 17.3314, 12.6951** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.0437, 12.0141, 19.4017**, and the grayscale version is **15.7023, 16.5200, 17.9903**.

A 20% lighter version of the original color is **33.9331, 38.8290, 31.2975**, and **4.6141, 5.7618, 3.4537** is the 20% darker color. If you saturate the color by 10%, you get **13.5797, 16.8043, 10.1174**, and if you desaturate by 10%, it is **15.9707, 17.9155, 15.7133**.

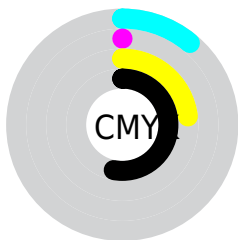
Distribution



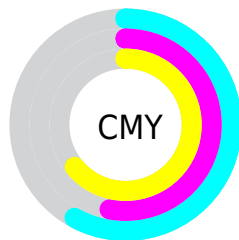
- Red (42%)
- Green (47%)
- Blue (36%)



- Red (36%)
- Yellow (47%)
- Blue (41%)



- Cyan (11%)
- Magenta (0%)
- Yellow (23%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7116, 17.3314, 12.6951 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 14.7116, 17.3314, 12.6951 by changing the saturation by 10% instead.

■ 14.7116, 17.3314,
12.6951

■ 14.7116, 17.3314,
12.6951

215.0371,
237.0750, 220.0930

■ 8.7022, 10.4711,
7.0907

■ 33.9223, 38.8947,
31.4380

■ 4.6030, 5.7124,
3.4396

■ 47.8543, 54.3664,
45.4136

■ 2.0486, 2.6710,
1.3232

■ 65.1579, 73.4774,
63.0167

■ 0.6610, 0.9625,
0.0807

■ 86.1984, 96.6121,
84.6658

■ 0.0000, 0.0000,
0.0000

111.3412,
124.1547, 110.7794

140.9517,

156.4898, 141.7761

175.3952,
194.0018, 178.0745

■ 14.7116, 17.3314,
12.6951

■ 14.7116, 17.3314,
12.6951

■ 13.5797, 16.8043,
10.1174

■ 15.9707, 17.9155,
15.7133

■ 12.5689, 16.3300,
7.9585

■ 17.3602, 18.5563,
19.1902

■ 11.6747, 15.9070,
6.1964

■ 18.8846, 19.2562,
23.1442

■ 10.8916, 15.5333,
4.8070

■ 20.5479, 20.0169,
27.5924

■ 10.2135, 15.2061,
3.7632

■ 22.3539, 20.8401,
32.5512

■ 9.6339, 14.9228,
3.0344

■ 24.3064, 21.7273,
38.0359

■ 9.1441, 14.6799,
2.5813

■ 26.4087, 22.6799,
44.0616

■ 8.8494, 14.5330,
2.3387

■ 28.6644, 23.6994,
50.6424

■ 31.0766, 24.7872,
57.7922

Harmonies

Analogous

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



16.1157, 17.3314, 11.4491



14.7116, 17.3314, 12.6951



13.8227, 17.3314, 15.6263

Triad

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



14.7116, 17.3314, 12.6951



15.2972, 17.3314, 28.1042



19.6960, 17.3314, 17.8590

Complementary

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



14.7116, 17.3314, 12.6951



13.0437, 12.0141, 19.4017

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.



19.4420, 17.3314, 22.5363



14.7116, 17.3314, 12.6951



16.8355, 17.3314, 28.9584

Square

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



14.7116, 17.3314, 12.6951



14.1453, 17.3314, 24.6058



18.3696, 17.3314, 26.7815



19.0429, 17.3314, 14.1045

Rectangle

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



14.7116, 17.3314, 12.6951



13.6078, 17.3314, 18.3818



18.3696, 17.3314, 26.7815



19.7145, 17.3314, 19.3687

Sweetspot

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



14.7121, 17.3322, 12.6955



29.5666, 32.1911, 31.3066



14.6890, 14.7882, 12.2057



6.9826, 7.6177, 7.3582



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7121, 17.3322, 12.6955



24.7817, 29.9739, 19.8075



13.2035, 16.5545, 12.6249



4.1368, 4.5458, 4.2839



9.6372, 15.8454, 2.5505



44.9799, 75.0734, 12.1199

Inverse Universe

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



13.0437, 12.0141, 19.4017



21.3066, 18.8958, 33.7774



14.7709, 12.9045, 19.4825



3.9581, 3.9763, 5.0021



5.4446, 2.3795, 19.5576



25.0084, 10.8543, 93.2468

Previews

White Background



This preview shows how the XYZ color 14.7116, 17.3314, 12.6951 looks on a white background.

Color Contrast Check

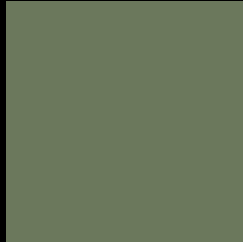
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.7116, 17.3314, 12.6951 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

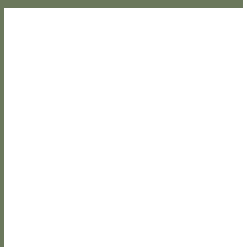
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7116, 17.3314, 12.6951

Background



This preview shows how black text looks on a background with the XYZ color 14.7116, 17.3314, 12.6951.



This preview shows how white text looks on a background with the XYZ color 14.7116, 17.3314,

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

14.7116, 17.3314, 12.6951

Protanopia

16.1446, 17.2106, 12.1439

Deuteranopia

17.5363, 17.2454, 12.9941



Tritanopia

16.6292, 17.4162, 21.8872

Trichromacy



Original Color

14.7116, 17.3314, 12.6951

Protanomaly

15.5857, 17.2598, 12.4076

Deuteranomaly

16.3053, 17.1100, 12.7991

Tritanomaly

15.7723, 17.2298, 18.1172

Monochromacy



Original Color

14.7116, 17.3314, 12.6951

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.3507, 16.8902, 15.8157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7116, 17.3314, 12.6951 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(107, 120, 92)` looks like.

```
.text, #text, p{  
    color:rgb(107, 120, 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(107, 120, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 120, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.7116, 17.3314, 12.6951 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(107, 120, 92) }
```


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

```
.border{ border-color:rgb(107, 120, 92) }
```

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

Here you see how a box with a 4 pixel rgb(107, 120, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 120, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 120, 92);  
box-shadow:4px 4px 4px 4px rgb(107, 120,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7116, 17.3314, 12.6951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 120, 92) }
```

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

```
.background{ background-color: rgb(107,  
120, 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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