

Converting Colors

XYZ(13.9822, 16.7945, 14.2381)

Have a look what the booklet for
XYZ(13.9822, 16.7945, 14.2381)
contains.

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Color

**XYZ(13.9945, 16.7472,
14.2993)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 637763 |
| RGB | 99, 119, 99 |
| RGB Percent | 39%, 47%, 39% |
| CMY | 0.6118, 0.5333, 0.6118 |
| CMYK | 0.17, 0.00, 0.17, 0.53 |
| HSL | 120°, 9%, 43% |
| HSV | 120°, 17%, 47% |
| XYZ | 13.9945, 16.7472, 14.2993 |
| YIQ | 110.7400, -5.5000, -10.4600 |

Conversions

Conversions Part 2

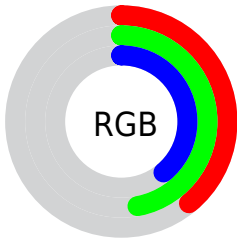
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 99, 119, 119 |
| Decimal | 6518627 |
| CIE Lab | 47.94, -11.58, 8.58 |
| CIE LCh | 48, 14.413, 143.457 |
| Yxy | 16.7472, 0.3107, 0.3718 |
| Android (android.graphics.Color) | 4284708707 (0xFF637763) |
| YUV | 110.7400, -5.7878, -10.2960 |
| Hunter-Lab | 40.9233, -10.5744, 7.9294 |

Details

The XYZ color **13.9945, 16.7472, 14.2993** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3999, 14.1778, 19.3783**, and the grayscale version is **15.0518, 15.8357, 17.2451**.

A 20% lighter version of the original color is **32.6456, 37.8119, 34.4320**, and **4.2892, 5.4845, 4.0814** is the 20% darker color. If you saturate the color by 10%, you get **12.2614, 15.9152, 11.4642**, and if you desaturate by 10%, it is **16.0040, 17.7129, 17.5857**.

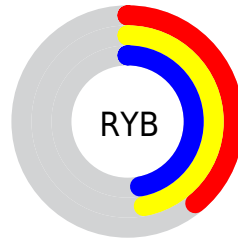
Distribution



Red (39%)

Green (47%)

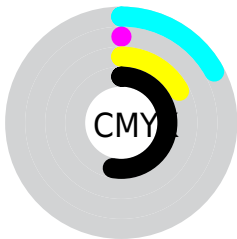
Blue (39%)



Red (39%)

Yellow (47%)

Blue (47%)

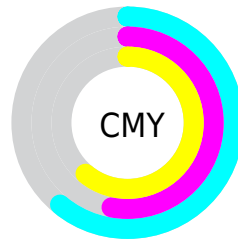


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (53%)



Cyan (61%)

Magenta (53%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.9945, 16.7472, 14.2993 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 13.9945, 16.7472, 14.2993 by changing the saturation by 10% instead.

■ 13.9945, 16.7472,
14.2993

■ 13.9945, 16.7472,
14.2993

210.7079,
233.7113, 230.5777

■ 8.1985, 10.0544,
8.1880

■ 32.6656, 37.8906,
34.3439

■ 4.2751, 5.4351,
4.1260

■ 46.2715, 53.1100,
49.1143

■ 1.8589, 2.5047,
1.6947

■ 63.2113, 71.9404,
67.6081

■ 0.5528, 0.8790,
0.3571

■ 83.8505, 94.7663,
90.2439

■ 0.0000, 0.0000,
0.0000

108.5544,
121.9719, 117.4402

137.6884,

153.9416, 149.6156

171.6177,
191.0600, 187.1886

■ 13.9945, 16.7472,
14.2993

■ 13.9945, 16.7472,
14.2993

■ 12.2614, 15.9152,
11.4642

■ 16.0040, 17.7129,
17.5857

■ 10.7914, 15.2091,
9.0597

■ 18.2997, 18.8157,
21.3407

■ 9.5719, 14.6233,
7.0651

■ 20.8929, 20.0613,
25.5821

■ 8.5891, 14.1512,
5.4574

■ 23.7935, 21.4547,
30.3265

■ 7.8275, 13.7854,
4.2117

■ 27.0112, 23.0003,
35.5894

■ 7.2700, 13.5176,
3.2998

■ 30.5553, 24.7027,
41.3861

■ 6.8971, 13.3384,
2.6897

■ 34.4345, 26.5661,
47.7309

■ 6.6656, 13.2272,
2.3110

■ 38.6572, 28.5945,
54.6377

■ 6.5972, 13.1944,
2.1992

■ 43.2318, 30.7919,
62.1199

Harmonies

Analogous

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



14.9442, 16.7472, 12.4294



13.9945, 16.7472, 14.2993



13.5634, 16.7472, 17.4320

Triad

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



13.9945, 16.7472, 14.2993



15.6348, 16.7472, 26.3031



18.3202, 16.7472, 15.5335

Complementary

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



13.9945, 16.7472, 14.2993



15.3999, 14.1778, 19.3783

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.



18.5298, 16.7472, 19.0620



13.9945, 16.7472, 14.2993



16.9326, 16.7472, 25.6141

Square

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



13.9945, 16.7472, 14.2993



14.4766, 16.7472, 24.6055



18.0095, 16.7472, 22.8334



17.4514, 16.7472, 13.0713

Rectangle

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



13.9945, 16.7472, 14.2993



13.6104, 16.7472, 19.9504



18.0095, 16.7472, 22.8334



18.4720, 16.7472, 16.6206

Sweetspot

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



13.9950, 16.7479, 14.2997



29.3121, 32.0318, 32.5607



16.4575, 18.0174, 14.4147



6.8937, 7.5658, 7.6300



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.



13.9950, 16.7479, 14.2997



23.8551, 29.4106, 23.6350



14.5032, 16.9512, 16.9759



3.6406, 4.0982, 3.9415



7.0088, 14.0175, 2.3364



34.1546, 68.3091, 11.3852

Inverse Universe

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



15.3999, 14.1778, 19.3783



26.8489, 23.9340, 34.4570



14.8304, 13.9500, 16.3794



3.8266, 3.7579, 4.6139



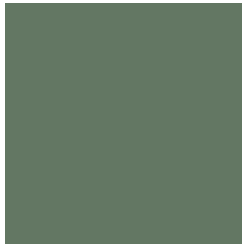
11.6201, 5.5818, 19.0054



56.6261, 27.2006, 92.6153

Previews

White Background



This preview shows how the XYZ color 13.9945, 16.7472, 14.2993 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 13.9945, 16.7472, 14.2993 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

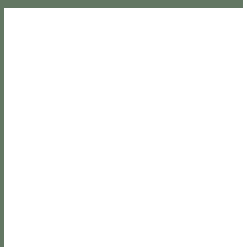
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.9945, 16.7472, 14.2993

Background



This preview shows how black text looks on a background with the XYZ color 13.9945, 16.7472, 14.2993.



This preview shows how white text looks on a background with the XYZ color 13.9945, 16.7472,

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

13.9945, 16.7472, 14.2993

Protanopia

15.7622, 16.6479, 13.4489

Deuteranopia

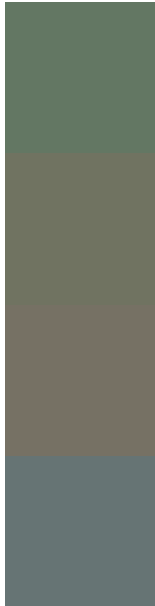
16.8709, 16.5440, 14.6160



Tritanopia

15.4259, 16.6257, 21.7981

Trichromacy



Original Color

13.9945, 16.7472, 14.2993

Protanomaly

14.9705, 16.5693, 13.7184

Deuteranomaly

15.6766, 16.5819, 14.4310

Tritanomaly

14.8773, 16.5765, 18.9385

Monochromacy



Original Color

13.9945, 16.7472, 14.2993

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

14.7346, 16.2220, 16.2645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.9945, 16.7472, 14.2993 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(99, 119, 99) looks like.

```
.text, #text, p{  
    color:rgb(99, 119, 99)  
}
```

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(99, 119, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 119, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.9945, 16.7472, 14.2993 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(99, 119, 99) }
```


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

```
.border{ border-color:rgb(99, 119, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 119, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 119, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 119, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 119,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.9945, 16.7472, 14.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 119, 99) }
```

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

```
.background{ background-color: rgb(99, 119,  
99) }
```

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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