

Converting Colors

XYZ(14.4828, 16.2647, 7.4839)

Have a look what the booklet for
XYZ(14.4828, 16.2647, 7.4839)
contains.

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Color

**XYZ(14.4719, 16.2795,
7.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	767242
RGB	118, 114, 66
RGB Percent	46%, 45%, 26%
CMY	0.5373, 0.5529, 0.7412
CMYK	0.00, 0.03, 0.44, 0.54
HSL	55°, 28%, 36%
HSV	55°, 44%, 46%
XYZ	14.4719, 16.2795, 7.5338
YIQ	109.7240, 17.7920, -14.0800

Conversions

Conversions Part 2

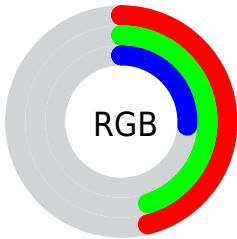
Format	Color
R_{YB}	70, 118, 66
Decimal	7762498
CIE Lab	47.34, -6.02, 27.10
CIE LCh	47, 27.759, 102.527
Yxy	16.2795, 0.3780, 0.4252
Android (android.graphics.Color)	4285952578 (0xFF767242)
YUV	109.7240, -21.5559, 7.2581
Hunter-Lab	40.3479, -6.5847, 17.1728

Details

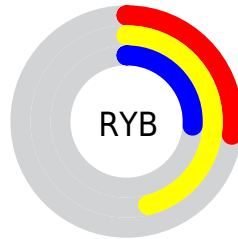
The XYZ color **14.4719, 16.2795, 7.5338** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.7070, 6.8465, 18.0549**, and the grayscale version is **14.7985, 15.5691, 16.9548**.

A 20% lighter version of the original color is **33.5253, 37.1682, 21.6269**, and **4.4675, 5.1795, 1.4738** is the 20% darker color. If you saturate the color by 10%, you get **14.0577, 15.9515, 5.8529**, and if you desaturate by 10%, it is **14.9598, 16.6397, 9.5938**.

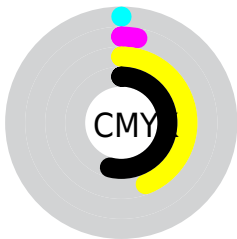
Distribution



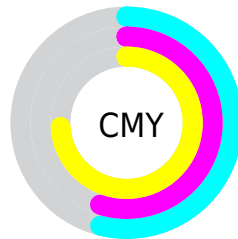
- Red (46%)
- Green (45%)
- Blue (26%)



- Red (27%)
- Yellow (46%)
- Blue (26%)



- Cyan (0%)
- Magenta (3%)
- Yellow (44%)
- Black (54%)



- Cyan (54%)
- Magenta (55%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4719, 16.2795, 7.5338 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 14.4719, 16.2795, 7.5338 by changing the saturation by 10% instead.

■ 14.4719, 16.2795,
7.5338

■ 14.4719, 16.2795,
7.5338

213.5995,
230.9854, 181.8241

■ 8.5335, 9.7222,
3.7147

■ 33.5033, 37.0828,
21.5702

■ 4.4928, 5.2151,
1.4701

■ 47.3271, 52.0974,
32.6245

■ 1.9845, 2.3740,
0.1955

■ 64.5100, 70.7000,
46.9276

■ 0.6253, 0.8125,
0.0000

■ 85.4175, 93.2749,
64.8981

■ 0.0000, 0.0000,
0.0000

■ 110.4148,
120.2065, 86.9544

■ 139.8673,

151.8792, 113.5152

174.1404,
188.6774, 144.9989

■ 14.4719, 16.2795,
7.5338

■ 14.4719, 16.2795,
7.5338

■ 14.0577, 15.9515,
5.8529

■ 14.9598, 16.6397,
9.5938

■ 13.7114, 15.6517,
4.5268

■ 15.5241, 17.0316,
12.0534

■ 13.4286, 15.3789,
3.5296

■ 16.1691, 17.4574,
14.9328

■ 13.2036, 15.1308,
2.8319

■ 16.8983, 17.9185,
18.2504

■ 13.0283, 14.9043,
2.3912

■ 17.7150, 18.4163,
22.0236

■ 12.9324, 14.7739,
2.1700

■ 18.6223, 18.9519,
26.2690

■ 19.6232, 19.5266,
31.0021

■ 20.7205, 20.1416,
36.2379

■ 21.9170, 20.7978,
41.9906

Harmonies

Analogous

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



16.9340, 16.2795, 7.7058



14.4719, 16.2795, 7.5338



12.4972, 16.2795, 9.5136

Triad

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



14.4719, 16.2795, 7.5338



12.2490, 16.2795, 28.5219



20.4259, 16.2795, 22.1019

Complementary

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



14.4719, 16.2795, 7.5338



7.7070, 6.8465, 18.0549

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.



18.8877, 16.2795, 29.6697



14.4719, 16.2795, 7.5338



14.0988, 16.2795, 33.9977

Square

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



14.4719, 16.2795, 7.5338



11.3080, 16.2795, 20.8220



16.5196, 16.2795, 34.4659



20.5530, 16.2795, 14.9525

Rectangle

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



14.4719, 16.2795, 7.5338



11.6521, 16.2795, 12.1924



16.5196, 16.2795, 34.4659



20.0498, 16.2795, 24.7213

Sweetspot

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



14.4723, 16.2802, 7.5341



28.5207, 30.7540, 26.6631



10.5356, 8.1946, 6.8764



6.5074, 7.0385, 5.9050



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.



14.4723, 16.2802, 7.5341



24.7011, 28.0340, 10.2247



12.3209, 15.8552, 7.5655



3.9437, 4.2204, 3.9491



13.9870, 15.9752, 2.3463



67.8780, 77.2845, 11.3399

Inverse Universe

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



7.7070, 6.8465, 18.0549



11.1501, 9.1433, 31.3142



9.2114, 7.2631, 18.0560



3.5212, 3.6310, 4.6055



3.6398, 1.6193, 18.6633



17.4761, 7.3687, 90.8615

Previews

White Background



This preview shows how the XYZ color 14.4719, 16.2795, 7.5338 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 14.4719, 16.2795, 7.5338 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

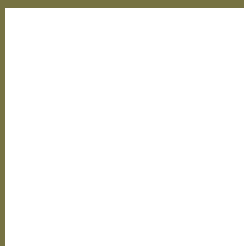
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4719, 16.2795, 7.5338

Background



This preview shows how black text looks on a background with the XYZ color 14.4719, 16.2795, 7.5338.



This preview shows how white text looks on a background with the XYZ color 14.4719, 16.2795,

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

14.4719, 16.2795, 7.5338

Protanopia

14.9167, 16.1809, 7.3381

Deuteranopia

16.4544, 16.1670, 7.7221



Tritanopia

16.7418, 16.2204, 19.0781

Trichromacy



Original Color

14.4719, 16.2795, 7.5338

Protanomaly

14.7444, 16.2569, 7.3618

Deuteranomaly

15.6423, 16.2242, 7.6173

Tritanomaly

15.6657, 16.0987, 13.8370

Monochromacy



Original Color

14.4719, 16.2795, 7.5338

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5149, 15.6877, 12.8527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4719, 16.2795, 7.5338 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(118, 114, 66)` looks like.

```
.text, #text, p{  
    color:rgb(118, 114, 66)  
}
```

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(118, 114, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 114, 66) }
```

Border

The CSS property to change the border of an element to XYZ 14.4719, 16.2795, 7.5338 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(118, 114, 66) }
```


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

```
.border{ border-color:rgb(118, 114, 66) }
```

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

Here you see how a box with a 4 pixel rgb(118, 114, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 114, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 114, 66);  
box-shadow:4px 4px 4px 4px rgb(118, 114,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4719, 16.2795, 7.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 114, 66) }
```

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

```
.background{ background-color: rgb(118,  
114, 66) }
```

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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