

Converting Colors

XYZ(10.7419, 14.8087, 9.9892)

Have a look what the booklet for
XYZ(10.7419, 14.8087, 9.9892)
contains.

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Color

**XYZ(10.7481, 14.8125,
10.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	4B7551
RGB	75, 117, 81
RGB Percent	29%, 46%, 32%
CMY	0.7059, 0.5412, 0.6823
CMYK	0.36, 0.00, 0.31, 0.54
HSL	129°, 22%, 38%
HSV	129°, 36%, 46%
XYZ	10.7481, 14.8125, 10.0772
YIQ	100.3380, -13.4760, -20.1000

Conversions

Conversions Part 2

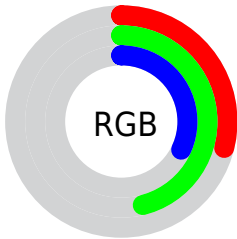
Format	Color
RYB	75, 112, 117
Decimal	4945233
CIELab	45.38, -22.77, 15.35
CIELCh	45, 27.459, 146.002
Yxy	14.8125, 0.3016, 0.4156
Android (android.graphics.Color)	4283135313 (0xFF4B7551)
YUV	100.3380, -9.5336, -22.2214
Hunter-Lab	38.4870, -17.5034, 11.4168

Details

The XYZ color **10.7481, 14.8125, 10.0772** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **12.7219, 9.9620, 16.2917**, and the grayscale version is **12.2259, 12.8625, 14.0073**.

A 20% lighter version of the original color is **26.7421, 34.3746, 26.6982**, and **2.8376, 4.4946, 2.3871** is the 20% darker color. If you saturate the color by 10%, you get **9.5671, 14.2444, 8.2018**, and if you desaturate by 10%, it is **12.1538, 15.4908, 12.2537**.

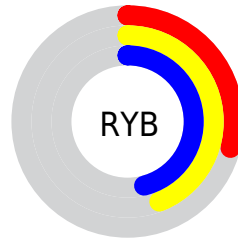
Distribution



Red (29%)

Green (46%)

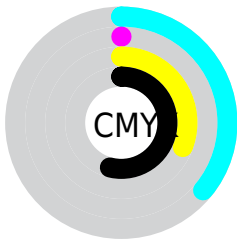
Blue (32%)



Red (29%)

Yellow (44%)

Blue (46%)

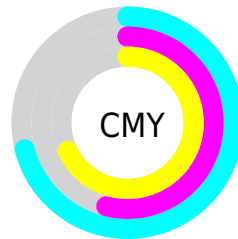


Cyan (36%)

Magenta (0%)

Yellow (31%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7481, 14.8125, 10.0772 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 10.7481, 14.8125, 10.0772 by changing the saturation by 10% instead.

■ 10.7481, 14.8125,
10.0772

■ 10.7481, 14.8125,
10.0772

189.8753,
222.2285, 201.7270

■ 5.9638, 8.6879,
5.3439

■ 26.8305, 34.5239,
26.5507

■ 2.8635, 4.5382,
2.3882

■ 38.8593, 48.8795,
39.1280

■ 1.0820, 1.9789,
0.7800

■ 54.0336, 66.7476,
55.1570

■ 0.0100, 0.5952,
0.0000

■ 72.7188, 88.5125,
75.0562

■ 0.0000, 0.0000,
0.0000

■ 95.2802, 114.5586,
99.2444

122.0832,

145.2704, 128.1398

153.4931,
181.0323, 162.1612

■ 10.7481, 14.8125,
10.0772

■ 10.7481, 14.8125,
10.0772

■ 9.5671, 14.2444,
8.2018

■ 12.1538, 15.4908,
12.2537

■ 8.5980, 13.7790,
6.6134

■ 13.7937, 16.2829,
14.7428

■ 7.8284, 13.4105,
5.2981

■ 15.6786, 17.1942,
17.5565

■ 7.2442, 13.1322,
4.2404

■ 17.8178, 18.2295,
20.7059

■ 6.8293, 12.9359,
3.4235

■ 20.2203, 19.3932,
24.2015

■ 6.5554, 12.8076,
2.8278

■ 22.8948, 20.6895,
28.0535

■ 6.4606, 12.7628,
2.6417

■ 25.8493, 22.1223,
32.2715

■ 29.0918, 23.6956,
36.8649

■ 32.6298, 25.4129,
41.8427

Harmonies

Analogous

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



12.2430, 14.8125, 7.2711



10.7481, 14.8125, 10.0772



10.1428, 14.8125, 15.2686

Triad

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



10.7481, 14.8125, 10.0772



13.7754, 14.8125, 32.1748



18.3980, 14.8125, 11.2265

Complementary

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



10.7481, 14.8125, 10.0772



12.7219, 9.9620, 16.2917

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.



18.9205, 14.8125, 17.0196



10.7481, 14.8125, 10.0772



16.0895, 14.8125, 30.2491

Square

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



10.7481, 14.8125, 10.0772



11.7670, 14.8125, 28.9372



18.0351, 14.8125, 24.2167



16.6752, 14.8125, 7.7980

Rectangle

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



10.7481, 14.8125, 10.0772



10.2712, 14.8125, 19.8429



18.0351, 14.8125, 24.2167



18.7273, 14.8125, 12.9089

Sweetspot

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



10.7485, 14.8131, 10.0775



26.2014, 29.8826, 28.6504



14.2379, 16.6368, 9.1174



5.9460, 6.8327, 6.4704



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.



10.7485, 14.8131, 10.0775



17.4809, 25.6746, 15.2485



11.6418, 15.1704, 14.7816



3.6600, 4.1060, 4.0434



7.1138, 14.0595, 2.8894



34.4685, 68.4347, 13.0380

Inverse Universe

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



12.7219, 9.9620, 16.2917



21.5656, 15.6242, 28.1048



11.7151, 9.5593, 10.9903



3.8052, 3.7494, 4.5011



10.6281, 5.1849, 13.7815



51.5511, 25.1706, 65.8906

Previews

White Background



This preview shows how the XYZ color 10.7481, 14.8125, 10.0772 looks on a white background.

Color Contrast Check

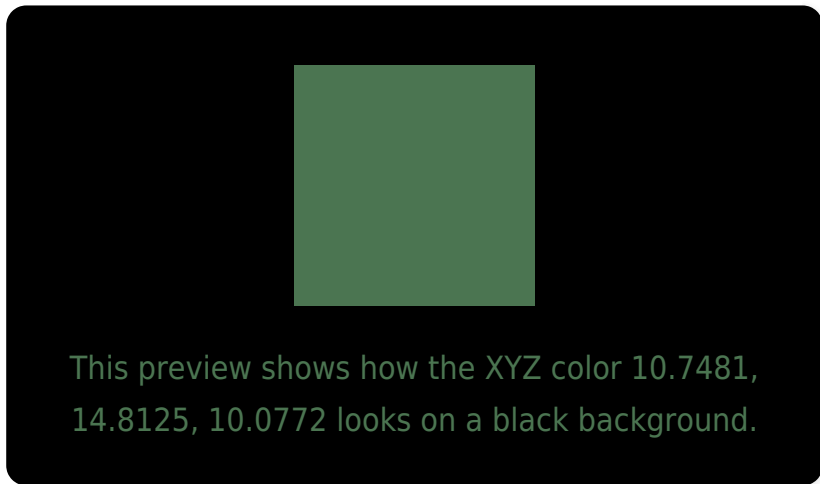
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 10.7481, 14.8125, 10.0772

Background



This preview shows how black text looks on a background with the XYZ color 10.7481, 14.8125, 10.0772.



This preview shows how white text looks on a background with the XYZ color 10.7481, 14.8125,

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

10.7481, 14.8125, 10.0772

Protanopia

13.6675, 14.6960, 9.1374

Deuteranopia

14.9079, 14.7006, 10.4393



Tritanopia

12.8126, 14.8078, 20.2721

Trichromacy



Original Color

10.7481, 14.8125, 10.0772

Protanomaly

12.3151, 14.6283, 9.3822

Deuteranomaly

12.9873, 14.4755, 10.2932

Tritanomaly

11.9271, 14.7807, 15.8600

Monochromacy



Original Color

10.7481, 14.8125, 10.0772

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.4442, 13.3225, 12.3243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7481, 14.8125, 10.0772 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(75, 117, 81)` looks like.

```
.text, #text, p{  
  color:rgb(75, 117, 81)  
}
```

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(75, 117, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 117, 81) }
```

Border

The CSS property to change the border of an element to XYZ 10.7481, 14.8125, 10.0772 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(75, 117, 81) }
```


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

```
.border{ border-color:rgb(75, 117, 81) }
```

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

Here you see how a box with a 4 pixel rgb(75, 117, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 117, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 117, 81);  
box-shadow:4px 4px 4px 4px rgb(75, 117,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7481, 14.8125, 10.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 117, 81) }
```

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

```
.background{ background-color: rgb(75, 117,  
81) }
```

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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