

Converting Colors

XYZ(11.0250, 16.4465, 7.7823)

Have a look what the booklet for
XYZ(11.0250, 16.4465, 7.7823)
contains.

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Color

**XYZ(10.9895, 16.4383,
7.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	487D42
RGB	72, 125, 66
RGB Percent	28%, 49%, 26%
CMY	0.7176, 0.5098, 0.7412
CMYK	0.42, 0.00, 0.47, 0.51
HSL	114°, 31%, 37%
HSV	114°, 47%, 49%
XYZ	10.9895, 16.4383, 7.7480
YIQ	102.4270, -12.6490, -29.5850

Conversions

Conversions Part 2

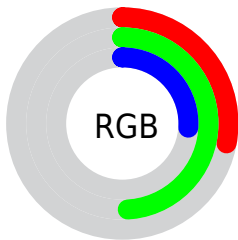
Format	Color
RYB	66, 125, 119
Decimal	4750658
CIELab	47.54, -30.31, 26.68
CIELCh	48, 40.383, 138.647
Yxy	16.4383, 0.3124, 0.4673
Android (android.graphics.Color)	4282940738 (0xFF487D42)
YUV	102.4270, -17.9585, -26.6845
Hunter-Lab	40.5442, -22.5699, 17.0506

Details

The XYZ color **10.9895, 16.4383, 7.7480** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.2584, 9.2996, 20.4991**, and the grayscale version is **12.7896, 13.4556, 14.6532**.

A 20% lighter version of the original color is **27.3271, 37.3637, 21.9913**, and **2.9308, 5.2314, 1.5171** is the 20% darker color. If you saturate the color by 10%, you get **9.8986, 15.9144, 5.9791**, and if you desaturate by 10%, it is **12.3148, 17.0747, 9.9492**.

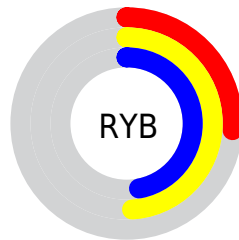
Distribution



Red (28%)

Green (49%)

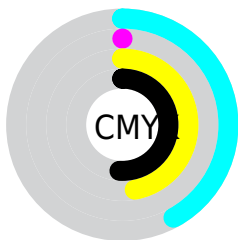
Blue (26%)



Red (26%)

Yellow (49%)

Blue (47%)

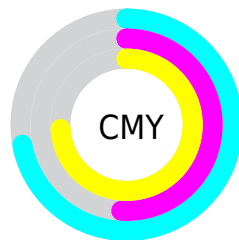


Cyan (42%)

Magenta (0%)

Yellow (47%)

Black (51%)



Cyan (72%)

Magenta (51%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9895, 16.4383, 7.7480 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 10.9895, 16.4383, 7.7480 by changing the saturation by 10% instead.

■ 10.9895, 16.4383,
7.7480

■ 10.9895, 16.4383,
7.7480

191.5053,
231.9143, 183.6020

■ 6.1270, 9.8348,
3.8487

■ 27.2739, 37.3575,
22.0009

■ 2.9639, 5.2896,
1.5427

■ 39.4265, 52.4419,
33.1915

■ 1.1347, 2.4182,
0.2494

■ 54.7398, 71.1222,
47.6497

■ 0.0538, 0.8352,
0.0000

■ 73.5793, 93.7827,
65.7939

■ 0.0000, 0.0000,
0.0000

■ 96.3102, 120.8077,
88.0427

123.2979,

152.5818, 114.8146

154.9078,
189.4892, 146.5282

■ 10.9895, 16.4383,
7.7480

■ 10.9895, 16.4383,
7.7480

■ 9.8986, 15.9144,
5.9791

■ 12.3148, 17.0747,
9.9492

■ 9.0271, 15.4945,
4.6129

■ 13.8857, 17.8273,
12.6072

■ 8.3605, 15.1722,
3.6182


■ 15.7144, 18.7024,
15.7463


■ 7.8817, 14.9394,
2.9584


■ 17.8116, 19.7051,
19.3886


■ 7.5643, 14.7844,
2.5555


■ 20.1877, 20.8403,
23.5547

 7.4957, 14.7513,
2.4522

 22.8524, 22.1125,
28.2643

 25.8149, 23.5261,
33.5360

 29.0841, 25.0853,
39.3873

 32.6684, 26.7941,
45.8354

Harmonies

Analogous

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



13.5171, 16.4383, 4.9325



10.9895, 16.4383, 7.7480



9.7808, 16.4383, 14.2782

Triad

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



10.9895, 16.4383, 7.7480



14.3028, 16.4383, 45.1604



23.1295, 16.4383, 12.2869

Complementary

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



10.9895, 16.4383, 7.7480



13.2584, 9.2996, 20.4991

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.



23.4263, 16.4383, 22.0843



10.9895, 16.4383, 7.7480



17.9395, 16.4383, 43.9634

Square

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



10.9895, 16.4383, 7.7480



11.4885, 16.4383, 37.2451



21.4070, 16.4383, 34.4181



20.6493, 16.4383, 6.7733

Rectangle

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



10.9895, 16.4383, 7.7480



9.7394, 16.4383, 21.0420



21.4070, 16.4383, 34.4181



23.5006, 16.4383, 15.0848

Sweetspot

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



10.9899, 16.4390, 7.7484



29.1639, 33.9800, 29.9689



15.9337, 17.7385, 7.7386



6.4864, 7.6588, 6.5618



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



10.9899, 16.4390, 7.7484



17.5212, 28.3995, 10.3817



11.3680, 16.5411, 11.9611



4.3135, 4.8381, 4.6266



7.8196, 15.3935, 2.5591



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.2584, 9.2996, 20.4991



22.1073, 13.8986, 36.2619



12.8236, 9.2238, 13.7754



4.4565, 4.3909, 5.4259



10.8729, 5.1589, 20.6726



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 10.9895, 16.4383, 7.7480 looks on a white background.

Color Contrast Check

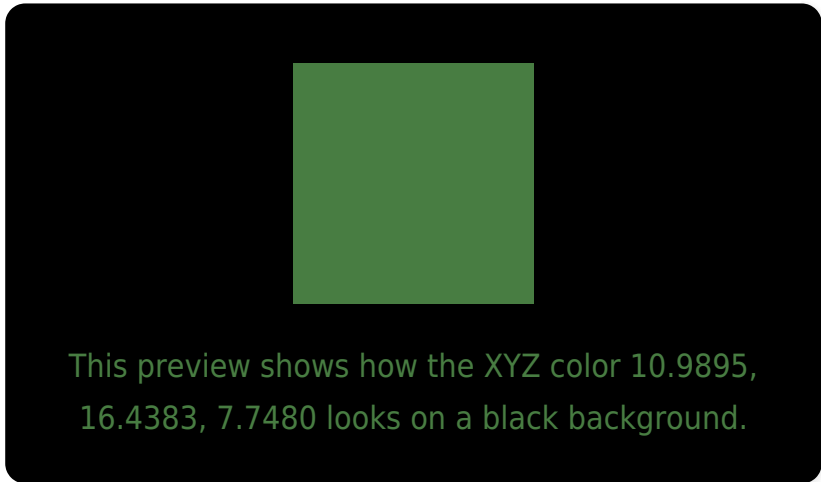
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9895, 16.4383, 7.7480

Background



This preview shows how black text looks on a background with the XYZ color 10.9895, 16.4383, 7.7480.



This preview shows how white text looks on a background with the XYZ color 10.9895, 16.4383,

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

10.9895, 16.4383, 7.7480

Protanopia

14.9487, 16.2103, 6.7559

Deuteranopia

16.5165, 16.1918, 8.0492



Tritanopia

14.0309, 16.4002, 22.8481

Trichromacy



Original Color

10.9895, 16.4383, 7.7480

Protanomaly

13.0842, 16.0847, 7.1177

Deuteranomaly

13.9015, 15.9750, 7.9810

Tritanomaly

12.6954, 16.4001, 15.8610

Monochromacy



Original Color

10.9895, 16.4383, 7.7480

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

11.6935, 14.0973, 11.5559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9895, 16.4383, 7.7480 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(72, 125, 66)` looks like.

```
.text, #text, p{  
    color:rgb(72, 125, 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(72, 125, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 125, 66) }
```

Border

The CSS property to change the border of an element to XYZ 10.9895, 16.4383, 7.7480 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(72, 125, 66) }
```


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

```
.border{ border-color:rgb(72, 125, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 125, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 125, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 125, 66);  
box-shadow:4px 4px 4px 4px rgb(72, 125,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9895, 16.4383, 7.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 125, 66) }
```

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

```
.background{ background-color: rgb(72, 125,  
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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