

Converting Colors

XYZ(15.3902, 17.4829, 13.6297)

Have a look what the booklet for
XYZ(15.3902, 17.4829, 13.6297)
contains.

XYZ(15.3902, 17.4829, 13.6297)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.3902, 17.4829,
13.6297)**

Conversions

Conversions Part 1

Format	Color
Hex	707760
RGB	112, 119, 96
RGB Percent	44%, 47%, 38%
CMY	0.5608, 0.5333, 0.6235
CMYK	0.06, 0.00, 0.19, 0.53
HSL	78°, 11%, 42%
HSV	78°, 19%, 47%
XYZ	15.3902, 17.4829, 13.6297
YIQ	114.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

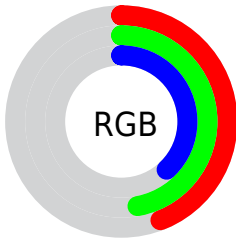
Format	Color
R_{YB}	96, 119, 103
Decimal	7370592
CIE Lab	48.86, -7.06, 11.79
CIE LCh	49, 13.736, 120.913
Yxy	17.4829, 0.3310, 0.3760
Android (android.graphics.Color)	4285560672 (0xFF707760)
YUV	114.2850, -9.0145, -2.0039
Hunter-Lab	41.8126, -7.4704, 9.9419

Details

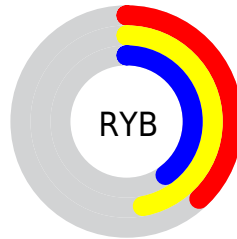
The XYZ color **15.3902, 17.4829, 13.6297** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1069, 12.5817, 19.1914**, and the grayscale version is **16.1057, 16.9445, 18.4526**.

A 20% lighter version of the original color is **35.1392, 39.1249, 33.3036**, and **4.9433, 5.8268, 3.8817** is the 20% darker color. If you saturate the color by 10%, you get **14.4317, 17.0479, 10.9381**, and if you desaturate by 10%, it is **16.4512, 17.9622, 16.7598**.

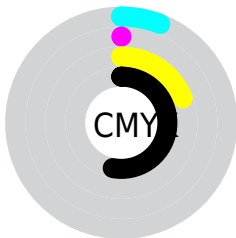
Distribution



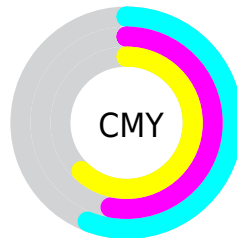
- Red (44%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (40%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3902, 17.4829, 13.6297 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 15.3902, 17.4829, 13.6297 by changing the saturation by 10% instead.

■ 15.3902, 17.4829,
13.6297

■ 15.3902, 17.4829,
13.6297

219.0579,
237.9400, 226.2626

■ 9.1818, 10.5794,
7.7278

■ 35.1023, 39.1542,
33.1381

■ 4.9180, 5.7848,
3.8360

■ 49.3368, 54.6908,
47.5817

■ 2.2335, 2.7146,
1.5358

■ 66.9772, 73.8738,
65.7096

■ 0.7603, 0.9846,
0.2444

■ 88.3891, 97.0877,
87.9404

■ 0.0000, 0.0000,
0.0000

113.9378,
124.7169, 114.6925

143.9885,

157.1458, 146.3846

178.9068,
194.7587, 183.4351

■ 15.3902, 17.4829,
13.6297

■ 15.3902, 17.4829,
13.6297

■ 14.4317, 17.0479,
10.9381

■ 16.4512, 17.9622,
16.7598

■ 13.5703, 16.6533,
8.6644

■ 17.6169, 18.4850,
20.3457

■ 12.8023, 16.2981,
6.7878

■ 18.8913, 19.0535,
24.4050

■ 12.1231, 15.9805,
5.2853

■ 20.2778, 19.6689,
28.9541

■ 11.5277, 15.6984,
4.1319

■ 21.7794, 20.3328,
34.0088

■ 11.0104, 15.4497,
3.2990

■ 23.3993, 21.0461,
39.5838

■ 10.5648, 15.2316,
2.7538

■ 25.1403, 21.8102,
45.6935

■ 10.1703, 15.0359,
2.3891

■ 27.0053, 22.6262,
52.3516

■ 10.1445, 15.0231,
2.3651

■ 28.9969, 23.4952,
59.5714

Harmonies

Analogous

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



16.5780, 17.4829, 12.8484



15.3902, 17.4829, 13.6297



14.5672, 17.4829, 15.8254

Triad

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



15.3902, 17.4829, 13.6297



15.4545, 17.4829, 25.8473



19.1882, 17.4829, 18.9244

Complementary

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



15.3902, 17.4829, 13.6297



13.1069, 12.5817, 19.1914

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.



18.8506, 17.4829, 22.6537



15.3902, 17.4829, 13.6297



16.6560, 17.4829, 26.9462

Square

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



15.3902, 17.4829, 13.6297



14.6029, 17.4829, 22.8717



17.9073, 17.4829, 25.7105



18.8082, 17.4829, 15.6549

Rectangle

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



15.3902, 17.4829, 13.6297



14.3139, 17.4829, 17.9494



17.9073, 17.4829, 25.7105



19.1547, 17.4829, 20.1654

Sweetspot

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



15.3907, 17.4837, 13.6301



30.1002, 32.4523, 31.9602



14.5600, 14.4476, 13.0878



7.1095, 7.6801, 7.5012



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.



15.3907, 17.4837, 13.6301



26.8064, 30.9655, 22.2614



14.0308, 16.7827, 13.5664



3.8633, 4.2130, 3.9519



10.7675, 15.9552, 2.5122



51.5700, 77.2871, 12.1999

Inverse Universe

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



13.1069, 12.5817, 19.1914



21.9603, 20.5622, 34.0645



14.5048, 13.3024, 19.2568



3.5958, 3.6389, 4.6031



4.3101, 1.8133, 18.6654



20.2265, 8.4356, 90.9225

Previews

White Background



This preview shows how the XYZ color 15.3902, 17.4829, 13.6297 looks on a white background.

Color Contrast Check

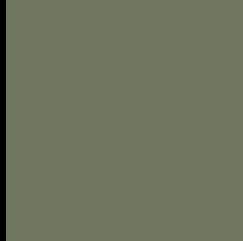
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3902, 17.4829, 13.6297 looks on a black 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

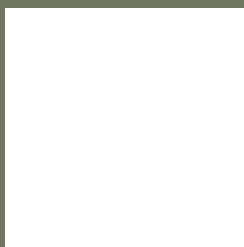
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3902, 17.4829, 13.6297

Background



This preview shows how black text looks on a background with the XYZ color 15.3902, 17.4829, 13.6297.



This preview shows how white text looks on a background with the XYZ color 15.3902, 17.4829,

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

15.3902, 17.4829, 13.6297

Protanopia

16.4342, 17.5099, 13.1032

Deuteranopia

17.8303, 17.5385, 14.0008



Tritanopia

16.9713, 17.4297, 21.5386

Trichromacy



Original Color

15.3902, 17.4829, 13.6297

Protanomaly

16.0346, 17.4707, 13.3535

Deuteranomaly

16.8926, 17.5602, 13.8084

Tritanomaly

16.3529, 17.3505, 18.4067

Monochromacy



Original Color

15.3902, 17.4829, 13.6297

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7093, 17.0630, 16.3754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3902, 17.4829, 13.6297 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(112, 119, 96)` looks like.

```
.text, #text, p{  
    color:rgb(112, 119, 96)  
}
```

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(112, 119, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 119, 96) }
```

Border

The CSS property to change the border of an element to XYZ 15.3902, 17.4829, 13.6297 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(112, 119, 96) }
```


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

```
.border{ border-color:rgb(112, 119, 96) }
```

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

Here you see how a box with a 4 pixel rgb(112, 119, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 119, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 119, 96);  
box-shadow:4px 4px 4px 4px rgb(112, 119,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3902, 17.4829, 13.6297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 119, 96) }
```

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

```
.background{ background-color: rgb(112,  
119, 96) }
```

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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