

Converting Colors

XYZ(17.9739, 15.3977, 11.6978)

Have a look what the booklet for
XYZ(17.9739, 15.3977, 11.6978)
contains.

XYZ(17.9742, 15.3986, 11.6977)	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(17.9742, 15.3986,
11.6977)**

Conversions

Conversions Part 1

Format	Color
Hex	92615A
RGB	146, 97, 90
RGB Percent	57%, 38%, 35%
CMY	0.4275, 0.6196, 0.6471
CMYK	0.00, 0.34, 0.38, 0.43
HSL	8°, 24%, 46%
HSV	8°, 38%, 57%
XYZ	17.9742, 15.3986, 11.6977
YIQ	110.8530, 31.4510, 8.2110

Conversions

Conversions Part 2

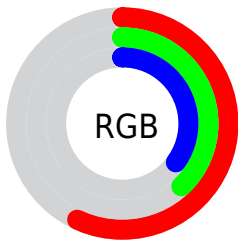
Format	Color
R_{YB}	146, 98, 90
Decimal	9593178
CIE _{Lab}	46.18, 19.00, 12.12
CIE _{LCh}	46, 22.535, 32.541
Yxy	15.3986, 0.3988, 0.3417
Android (android.graphics.Color)	4287783258 (0xFF92615A)
YUV	110.8530, -10.2805, 30.8239
Hunter-Lab	39.2410, 13.0893, 9.7945

Details

The XYZ color **17.9742, 15.3986, 11.6977** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.6369, 22.7131, 30.5958**, and the grayscale version is **15.0897, 15.8755, 17.2884**.

A 20% lighter version of the original color is **39.4109, 35.4908, 29.5842**, and **6.1094, 4.7902, 2.9855** is the 20% darker color. If you saturate the color by 10%, you get **16.3260, 13.0009, 8.3777**, and if you desaturate by 10%, it is **19.9354, 18.2268, 15.7246**.

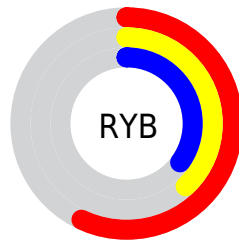
Distribution



Red (57%)

Green (38%)

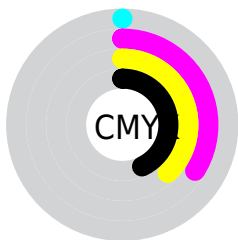
Blue (35%)



Red (57%)

Yellow (38%)

Blue (35%)

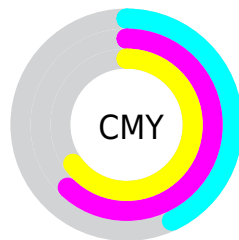


Cyan (0%)

Magenta (34%)

Yellow (38%)

Black (43%)



Cyan (43%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.9742, 15.3986, 11.6977 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 17.9742, 15.3986, 11.6977 by changing the saturation by 10% instead.

■ 17.9742, 15.3986,
11.6977

■ 17.9742, 15.3986,
11.6977

233.7740,
225.7663, 213.3000

■ 11.0310, 9.0996,
6.4182

■ 39.5238, 35.5509,
29.5994

■ 6.1552, 4.8062,
3.0281

■ 54.8609, 50.1731,
43.0587

■ 2.9812, 2.1340,
1.1090

■ 73.7268, 68.3384,
60.0816

■ 1.1438, 0.6837,
0.0000

■ 96.4867, 90.4313,
81.0867

■ 0.0613, 0.0000,
0.0000

123.5060,
116.8361, 106.4926

■ 0.0000, 0.0000,
0.0000

155.1501,

147.9373, 136.7177

191.7843,
184.1192, 172.1807

■ 17.9742, 15.3986,
11.6977

■ 17.9742, 15.3986,
11.6977

■ 16.3260, 13.0009,
8.3777

■ 19.9354, 18.2268,
15.7246

■ 14.9733, 11.0105,
5.7228

■ 22.2234, 21.5028,
20.4951

■ 13.8988, 9.4052,
3.6884


■ 24.8528, 25.2458,
26.0444


■ 13.0828, 8.1599,
2.2237

■ 27.8367, 29.4731,
32.4052


■ 12.5028, 7.2466,
1.2701

■ 31.1878, 34.2011,
39.6083


 12.1237, 6.6294,
0.7095

 34.9180, 39.4457,
47.6829

 12.0746, 6.5521,
0.6283

 39.0387, 45.2216,
56.6568

 43.5607, 51.5434,
66.5566

 48.4946, 58.4249,
77.4079

Harmonies

Analogous

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



18.6429, 15.3986, 16.3021



17.9742, 15.3986, 11.6977



16.4053, 15.3986, 9.0252

Triad

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



17.9742, 15.3986, 11.6977



11.5982, 15.3986, 12.3480



14.8002, 15.3986, 29.7036

Complementary

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



17.9742, 15.3986, 11.6977



18.6369, 22.7131, 30.5958

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.



12.9986, 15.3986, 28.0080



17.9742, 15.3986, 11.6977



11.2486, 15.3986, 17.2396

Square

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



17.9742, 15.3986, 11.6977



12.7384, 15.3986, 9.3390



11.7389, 15.3986, 23.1215



16.7131, 15.3986, 27.3533

Rectangle

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



17.9742, 15.3986, 11.6977



15.1205, 15.3986, 8.3156



11.7389, 15.3986, 23.1215



14.1618, 15.3986, 29.5880

Sweetspot

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



17.9746, 15.3993, 11.6980



41.9671, 41.8700, 41.9731



20.2046, 15.3012, 26.4937



9.2200, 9.1493, 9.0924



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



17.9746, 15.3993, 11.6980



29.1829, 23.4932, 15.5404



20.9742, 21.3985, 12.6979



5.8558, 5.9254, 6.0755



10.6356, 5.7855, 0.5562



0.1415, 0.0935, 0.0106

Inverse Universe

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



18.6369, 22.7131, 30.5958



30.5101, 38.2586, 53.7502



15.1403, 15.7201, 29.4303



5.9029, 6.4398, 7.4016



11.3399, 15.3746, 26.3009



0.1527, 0.2161, 0.3266

Previews

White Background



This preview shows how the XYZ color 17.9742, 15.3986, 11.6977 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 17.9742, 15.3986, 11.6977 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 17.9742, 15.3986, 11.6977

Background



This preview shows how black text looks on a background with the XYZ color 17.9742, 15.3986, 11.6977.



This preview shows how white text looks on a background with the XYZ color 17.9742, 15.3986,

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

17.9742, 15.3986, 11.6977

Protanopia

14.6502, 15.4266, 13.2718

Deuteranopia

15.7151, 15.3969, 11.3761



Tritanopia

18.5231, 15.3468, 14.5563

Trichromacy



Original Color

17.9742, 15.3986, 11.6977

Protanomaly

15.6761, 15.3469, 12.7257

Deuteranomaly

16.5462, 15.3749, 11.5468

Tritanomaly

18.4201, 15.4506, 13.5667

Monochromacy



Original Color

17.9742, 15.3986, 11.6977

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.9144, 15.5724, 14.9990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.9742, 15.3986, 11.6977 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(146, 97, 90)` looks like.

```
.text, #text, p{  
    color:rgb(146, 97, 90)  
}
```

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(146, 97, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 97, 90) }
```

Border

The CSS property to change the border of an element to XYZ 17.9742, 15.3986, 11.6977 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(146, 97, 90) }
```


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

```
.border{ border-color:rgb(146, 97, 90) }
```

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

Here you see how a box with a 4 pixel rgb(146, 97, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 97, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 97, 90);  
box-shadow:4px 4px 4px 4px rgb(146, 97,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 17.9742, 15.3986, 11.6977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 97, 90) }
```

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

```
.background{ background-color: rgb(146, 97,  
90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor