

Converting Colors

XYZ(14.1322, 17.9622, 11.8410)

Have a look what the booklet for
XYZ(14.1322, 17.9622, 11.8410)
contains.

XYZ(14.0909, 17.9520, 11.7392)	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(14.0909, 17.9520,
11.7392)**

Conversions

Conversions Part 1

Format	Color
Hex	627D57
RGB	98, 125, 87
RGB Percent	38%, 49%, 34%
CMY	0.6157, 0.5098, 0.6588
CMYK	0.22, 0.00, 0.30, 0.51
HSL	103°, 18%, 42%
HSV	103°, 30%, 49%
XYZ	14.0909, 17.9520, 11.7392
YIQ	112.5950, -3.8940, -17.5420

Conversions

Conversions Part 2

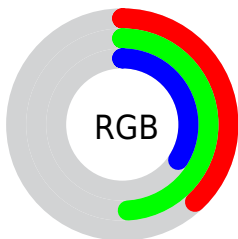
Format	Color
R_{YB}	87, 125, 114
Decimal	6454615
CIE _{Lab}	49.44, -17.43, 17.63
CIE _{LCh}	49, 24.795, 134.668
Yxy	17.9520, 0.3218, 0.4100
Android (android.graphics.Color)	4284644695 (0xFF627D57)
YUV	112.5950, -12.6183, -12.7998
Hunter-Lab	42.3698, -14.7835, 13.2317

Details

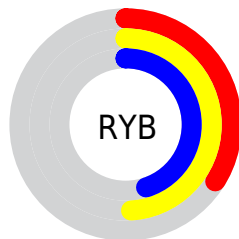
The XYZ color **14.0909, 17.9520, 11.7392** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **14.0500, 11.8749, 20.9546**, and the grayscale version is **15.6135, 16.4266, 17.8886**.

A 20% lighter version of the original color is **32.8302, 40.0365, 29.6644**, and **4.3001, 6.0071, 3.0307** is the 20% darker color. If you saturate the color by 10%, you get **12.7181, 17.2988, 9.2361**, and if you desaturate by 10%, it is **15.6594, 18.6969, 14.7140**.

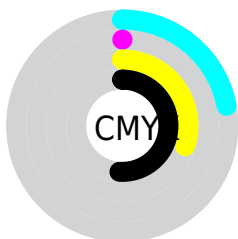
Distribution



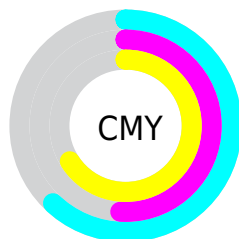
- Red (38%)
- Green (49%)
- Blue (34%)



- Red (34%)
- Yellow (49%)
- Blue (45%)



- Cyan (22%)
- Magenta (0%)
- Yellow (30%)
- Black (51%)





- Cyan (62%)
- Magenta (51%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0909, 17.9520, 11.7392 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 14.0909, 17.9520, 11.7392 by changing the saturation by 10% instead.


 14.0909, 17.9520,
11.7392


 14.0909, 17.9520,
11.7392

211.2949,
240.6004, 213.5873


 8.2660, 10.9155,
6.4460


 32.8351, 39.9555,
29.6765


 4.3189, 6.0101,
3.0450

 46.4852, 55.6914,
43.1576


 1.8841, 2.8512,
1.1176

 63.4745, 75.0958,
60.2051

 0.5676, 1.0545,
0.0000

 84.1682, 98.5532,
81.2375

 0.0000, 0.0000,
0.0000

 108.9317,
126.4479, 106.6734

138.1304,

159.1644, 136.9313

172.1297,
197.0871, 172.4298

■ 14.0909, 17.9520,
11.7392

■ 14.0909, 17.9520,
11.7392

■ 12.7181, 17.2988,
9.2361

■ 15.6594, 18.6969,
14.7140

■ 11.5317, 16.7315,
7.1792

■ 17.4299, 19.5347,
18.1816

■ 10.5235, 16.2470,
5.5427

■ 19.4099, 20.4694,
22.1636

■ 9.6842, 15.8410,
4.2975

■ 21.6061, 21.5039,
26.6796

■ 9.0035, 15.5090,
3.4107

■ 24.0250, 22.6412,
31.7485

■ 8.4697, 15.2458,
2.8441

■ 26.6728, 23.8841,
37.3880

■ 8.0679, 15.0463,
2.4790

■ 29.5554, 25.2353,
43.6152

■ 32.6785, 26.6973,
50.4463

■ 36.0476, 28.2728,
57.8972

Harmonies

Analogous

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



15.9486, 17.9520, 9.5421



14.0909, 17.9520, 11.7392



13.0806, 17.9520, 16.3333

Triad

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



14.0909, 17.9520, 11.7392



15.9005, 17.9520, 34.7957



21.7968, 17.9520, 16.4616

Complementary

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



14.0909, 17.9520, 11.7392



14.0500, 11.8749, 20.9546

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.



21.7809, 17.9520, 23.1561



14.0909, 17.9520, 11.7392



18.2278, 17.9520, 34.8525

Square

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



14.0909, 17.9520, 11.7392



14.0585, 17.9520, 30.0782



20.4258, 17.9520, 30.2192



20.4674, 17.9520, 11.8145

Rectangle

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



14.0909, 17.9520, 11.7392



12.9594, 17.9520, 20.6143



20.4258, 17.9520, 30.2192



21.9522, 17.9520, 18.5165

Sweetspot

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



14.0914, 17.9528, 11.7396



31.6109, 35.1691, 33.3522



16.1507, 16.9934, 11.4459



7.0964, 7.9553, 7.3997



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.



14.0914, 17.9528, 11.7396



23.6031, 31.3719, 18.0277



13.3120, 17.5132, 13.4105



4.3840, 4.8744, 4.6299



8.4136, 15.6998, 2.5869



0.0000, 0.0000, 0.0000

Inverse Universe

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



14.0500, 11.8749, 20.9546



23.5130, 18.7714, 37.1283



15.1007, 12.4706, 18.5651



4.3807, 4.3519, 5.4224



8.1381, 3.7490, 20.5447



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.0909, 17.9520, 11.7392 looks on a white background.

Color Contrast Check

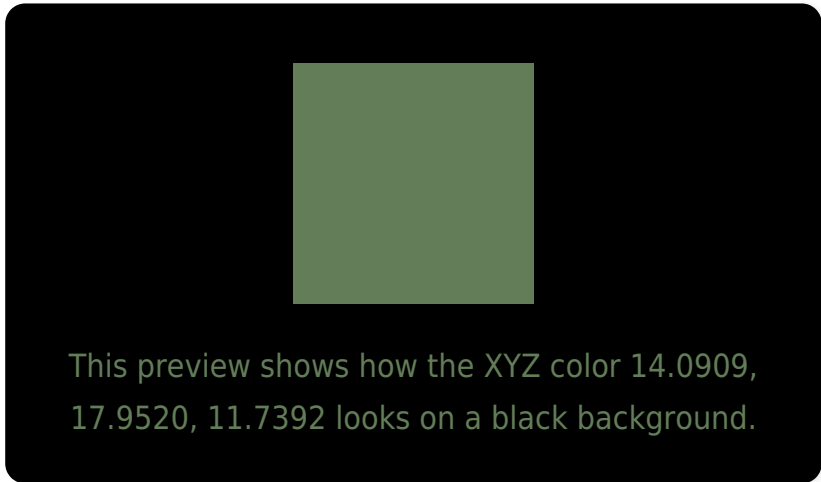
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 14.0909, 17.9520, 11.7392

Background



This preview shows how black text looks on a background with the XYZ color 14.0909, 17.9520, 11.7392.



This preview shows how white text looks on a background with the XYZ color 14.0909, 17.9520,

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

14.0909, 17.9520, 11.7392

Protanopia

16.5657, 17.7983, 10.9498

Deuteranopia

18.1209, 17.7298, 12.1400



Tritanopia

16.5046, 18.0212, 23.3774

Trichromacy



Original Color

14.0909, 17.9520, 11.7392

Protanomaly

15.5586, 17.8018, 11.2104

Deuteranomaly

16.3328, 17.6548, 11.9981

Tritanomaly

15.4763, 17.9588, 18.5703

Monochromacy



Original Color

14.0909, 17.9520, 11.7392

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0443, 16.9102, 15.5678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0909, 17.9520, 11.7392 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(98, 125, 87) looks like.

```
.text, #text, p{  
    color:rgb(98, 125, 87)  
}
```

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(98, 125, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 125, 87) }
```

Border

The CSS property to change the border of an element to XYZ 14.0909, 17.9520, 11.7392 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(98, 125, 87) }
```


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

```
.border{ border-color:rgb(98, 125, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 125, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 125, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 125, 87);  
box-shadow:4px 4px 4px 4px rgb(98, 125,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0909, 17.9520, 11.7392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 125, 87) }
```

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

```
.background{ background-color: rgb(98, 125,  
87) }
```

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