

Converting Colors

XYZ(14.6884, 16.9438, 19.8127)

Have a look what the booklet for
XYZ(14.6884, 16.9438, 19.8127)
contains.

XYZ(14.7505, 17.0124, 19.9590)	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(14.7505, 17.0124,
19.9590)**

Conversions

Conversions Part 1

Format	Color
Hex	607777
RGB	96, 119, 119
RGB Percent	38%, 47%, 47%
CMY	0.6235, 0.5333, 0.5333
CMYK	0.19, 0.00, 0.00, 0.53
HSL	180°, 11%, 42%
HSV	180°, 19%, 47%
XYZ	14.7505, 17.0124, 19.9590
YIQ	112.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

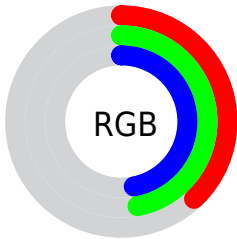
Format	Color
R_{YB}	96, 108, 119
Decimal	6322039
CIE _{Lab}	48.28, -8.36, -2.79
CIE _{LCh}	48, 8.809, 198.475
Yxy	17.0124, 0.2852, 0.3289
Android (android.graphics.Color)	4284512119 (0xFF607777)
YUV	112.1230, 3.3904, -14.1399
Hunter-Lab	41.2461, -8.3452, 0.1818

Details

The XYZ color **14.7505, 17.0124, 19.9590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9026, 13.1327, 12.8693**, and the grayscale version is **15.4309, 16.2345, 17.6793**.

A 20% lighter version of the original color is **33.9462, 38.2691, 44.1256**, and **4.6572, 5.6144, 6.7995** is the 20% darker color. If you saturate the color by 10%, you get **13.5921, 16.4157, 19.9048**, and if you desaturate by 10%, it is **16.0994, 17.7082, 20.0228**.

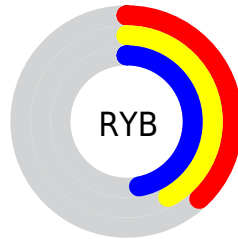
Distribution



Red (38%)

Green (47%)

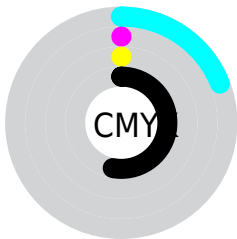
Blue (47%)



Red (38%)

Yellow (42%)

Blue (47%)

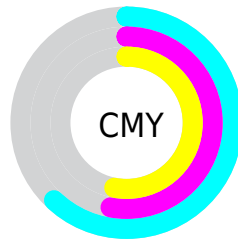


Cyan (19%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7505, 17.0124, 19.9590 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 14.7505, 17.0124, 19.9590 by changing the saturation by 10% instead.

■ 14.7505, 17.0124,
19.9590

■ 14.7505, 17.0124,
19.9590

215.2695,
235.2438, 264.2900

■ 8.7296, 10.2433,
12.1815

■ 33.9901, 38.3471,
44.2065

■ 4.6210, 5.5606,
6.7433

■ 47.9396, 53.6815,
61.5135

■ 2.0591, 2.5798,
3.2261

■ 65.2627, 72.6398,
82.8342

■ 0.6668, 0.9165,
1.2112

■ 86.3248, 95.6065,
108.5869

■ 0.0000, 0.0000,
0.0000

111.4911,
122.9658, 139.1903

141.1271,

155.1022, 175.0630

175.5981,
192.4001, 216.6233

■ 14.7505, 17.0124,
19.9590

■ 14.7505, 17.0124,
19.9590

■ 13.5921, 16.4157,
19.9048

■ 16.0994, 17.7082,
20.0228

■ 12.6143, 15.9116,
19.8587

■ 17.6454, 18.5052,
20.0955

■ 11.8085, 15.4962,
19.8207

■ 19.3964, 19.4079,
20.1778

■ 11.1646, 15.1643,
19.7903

■ 21.3595, 20.4199,
20.2699

■ 10.6718, 14.9102,
19.7669

■ 23.5416, 21.5448,
20.3724

■ 10.3177, 14.7277,
19.7500

■ 25.9490, 22.7858,
20.4854

■ 10.0881, 14.6093,
19.7389

■ 28.5880, 24.1463,
20.6092

■ 9.9365, 14.5312,
19.7315

■ 31.4646, 25.6292,
20.7442

■ 9.9265, 14.5260,
19.7310

■ 34.5844, 27.2376,
20.8905

Harmonies

Analogous

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



14.7050, 17.0124, 17.6550



14.7505, 17.0124, 19.9590



15.1686, 17.0124, 22.0315

Triad

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



14.7505, 17.0124, 19.9590



17.3523, 17.0124, 21.6092



16.4799, 17.0124, 14.5236

Complementary

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



14.7505, 17.0124, 19.9590



13.9026, 13.1327, 12.8693

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.



17.2140, 17.0124, 15.4093



14.7505, 17.0124, 19.9590



17.7287, 17.0124, 19.4203

Square

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



14.7505, 17.0124, 19.9590



16.6635, 17.0124, 23.0372



17.6773, 17.0124, 17.1587



15.6859, 17.0124, 14.6418

Rectangle

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



14.7505, 17.0124, 19.9590



15.6104, 17.0124, 22.9443



17.6773, 17.0124, 17.1587



16.7423, 17.0124, 14.7106

Sweetspot

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



14.7510, 17.0131, 19.9594



29.6684, 32.1421, 35.8931



13.5730, 16.5466, 13.5451



6.9996, 7.6011, 8.5048



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.



14.7510, 17.0131, 19.9594



25.4899, 29.9881, 35.6965



13.5045, 14.5198, 19.5445



3.7833, 4.1553, 4.6928



10.5458, 15.4323, 20.9620



51.3908, 75.2036, 102.1497

Inverse Universe

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



13.9026, 13.1327, 12.8693



23.6893, 21.7523, 20.6483



14.9896, 15.3069, 13.2312



3.6840, 3.7009, 3.8625



8.0829, 4.1669, 0.3786



39.3886, 20.3056, 1.8440

Previews

White Background



This preview shows how the XYZ color 14.7505, 17.0124, 19.9590 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 14.7505, 17.0124, 19.9590 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

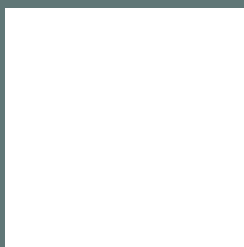
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7505, 17.0124, 19.9590

Background



This preview shows how black text looks on a background with the XYZ color 14.7505, 17.0124, 19.9590.



This preview shows how white text looks on a background with the XYZ color 14.7505, 17.0124,

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

14.7505, 17.0124, 19.9590

Protanopia

16.3722, 17.0086, 18.9431

Deuteranopia

17.3040, 16.9603, 20.4508



Tritanopia

15.3462, 17.0858, 22.5677

Trichromacy



Original Color

14.7505, 17.0124, 19.9590

Protanomaly

15.7630, 17.0263, 19.2852

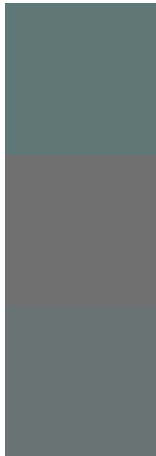
Deuteranomaly

16.2175, 16.9014, 20.1768

Tritanomaly

15.0463, 16.9535, 21.5481

Monochromacy



Original Color

14.7505, 17.0124, 19.9590

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1691, 16.5634, 18.6172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7505, 17.0124, 19.9590 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(96, 119, 119) looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 14.7505, 17.0124, 19.9590 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(96, 119, 119) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 14.7505, 17.0124, 19.9590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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