

Converting Colors

XYZ(14.2313, 16.0558, 15.3629)

Have a look what the booklet for
XYZ(14.2313, 16.0558, 15.3629)
contains.

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Color

**XYZ(14.2249, 15.9772,
15.4309)**

Conversions

Conversions Part 1

Format	Color
Hex	687268
RGB	104, 114, 104
RGB Percent	41%, 45%, 41%
CMY	0.5922, 0.5529, 0.5922
CMYK	0.09, 0.00, 0.09, 0.55
HSL	120°, 5%, 43%
HSV	120°, 9%, 45%
XYZ	14.2249, 15.9772, 15.4309
YIQ	109.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

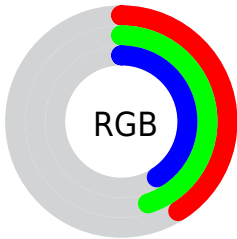
Format	Color
R_{YB}	104, 114, 114
Decimal	6845032
CIE _{Lab}	46.94, -5.85, 4.25
CIE _{LCh}	47, 7.230, 143.982
Yxy	15.9772, 0.3117, 0.3501
Android (android.graphics.Color)	4285035112 (0xFF687268)
YUV	109.8700, -2.8939, -5.1480
Hunter-Lab	39.9715, -6.4262, 5.0913

Details

The XYZ color **14.2249, 15.9772, 15.4309** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.9276, 14.6932, 17.9696**, and the grayscale version is **14.7927, 15.5631, 16.9482**.

A 20% lighter version of the original color is **33.0702, 36.6076, 36.3333**, and **4.3741, 5.0617, 4.6174** is the 20% darker color. If you saturate the color by 10%, you get **12.4496, 15.1249, 12.5269**, and if you desaturate by 10%, it is **16.2583, 16.9544, 18.7563**.

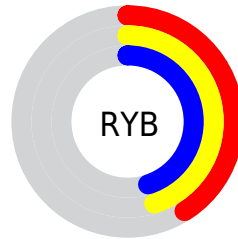
Distribution



Red (41%)

Green (45%)

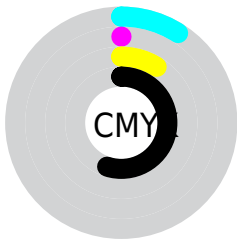
Blue (41%)



Red (41%)

Yellow (45%)

Blue (45%)

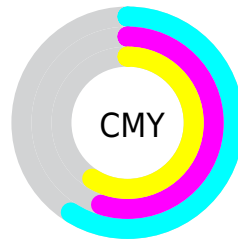


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (55%)



Cyan (59%)

Magenta (55%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2249, 15.9772, 15.4309 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 14.2249, 15.9772, 15.4309 by changing the saturation by 10% instead.

■ 14.2249, 15.9772,
15.4309

■ 14.2249, 15.9772,
15.4309

212.1082,
229.2071, 237.6897

■ 8.3600, 9.5080,
8.9724

■ 33.0705, 36.5586,
36.3603

■ 4.3799, 5.0740,
4.6266

■ 46.7819, 51.4396,
51.6682

■ 1.9192, 2.2907,
1.9750

■ 63.8395, 69.8934,
70.7631

■ 0.5880, 0.7688,
0.5399

■ 84.6087, 92.3043,
94.0634

■ 0.0000, 0.0000,
0.0000

109.4548,
119.0567, 121.9876

138.7432,

150.5351, 154.9544

172.8392,
187.1238, 193.3822

■ 14.2249, 15.9772,
15.4309

■ 14.2249, 15.9772,
15.4309

■ 12.4496, 15.1249,
12.5269

■ 16.2583, 16.9544,
18.7563

■ 10.9209, 14.3906,
10.0265

■ 18.5581, 18.0592,
22.5180

■ 9.6283, 13.7697,
7.9121

■ 21.1341, 19.2965,
26.7311

■ 8.5599, 13.2565,
6.1646

■ 23.9948, 20.6707,
31.4101

■ 7.7031, 12.8449,
4.7631

■ 27.1488, 22.1857,
36.5686

■ 7.0437, 12.5282,
3.6845

■ 30.6039, 23.8454,
42.2197

■ 6.5661, 12.2988,
2.9032

■ 34.3679, 25.6534,
48.3760

■ 6.2521, 12.1479,
2.3895

■ 38.4483, 27.6134,
55.0496

■ 6.0429, 12.0474,
2.0473

■ 42.8521, 29.7288,
62.2522

Harmonies

Analogous

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



14.6977, 15.9772, 14.4091



14.2249, 15.9772, 15.4309



14.0102, 15.9772, 17.0344

Triad

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



14.2249, 15.9772, 15.4309



15.0589, 15.9772, 21.0884



16.3223, 15.9772, 16.0212

Complementary

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



14.2249, 15.9772, 15.4309



14.9276, 14.6932, 17.9696

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.



16.4255, 15.9772, 17.7636



14.2249, 15.9772, 15.4309



15.6847, 15.9772, 20.7706

Square

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



14.2249, 15.9772, 15.4309



14.4831, 15.9772, 20.3630



16.1891, 15.9772, 19.5222



15.9110, 15.9772, 14.7330

Rectangle

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



14.2249, 15.9772, 15.4309



14.0380, 15.9772, 18.2501



16.1891, 15.9772, 19.5222



16.3947, 15.9772, 16.5698

Sweetspot

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



14.2253, 15.9779, 15.4312



26.9754, 29.0267, 30.3520



15.4562, 16.6124, 15.4886



6.1805, 6.6850, 6.9245



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



14.2253, 15.9779, 15.4312



24.1721, 27.6802, 25.7669



14.4870, 16.0825, 16.8092



3.3451, 3.7632, 3.6235



6.6985, 13.3969, 2.2331



33.3680, 66.7358, 11.1232

Inverse Universe

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



14.9276, 14.6932, 17.9696



25.7332, 24.8241, 31.4102



14.6506, 14.5824, 16.5110



3.5144, 3.4535, 4.2355



11.1054, 5.3345, 18.1629



55.3208, 26.5736, 90.4765

Previews

White Background



This preview shows how the XYZ color 14.2249, 15.9772, 15.4309 looks on a white background.

Color Contrast Check

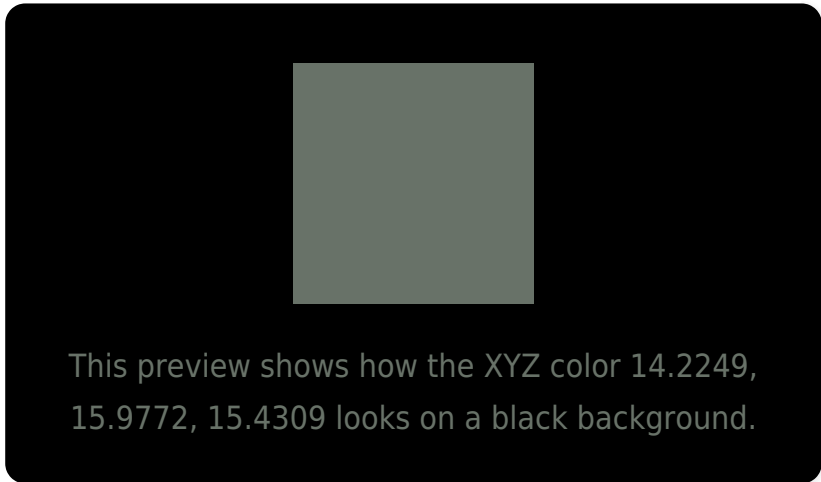
Large Text (above 18pt) WCAG AA ✓ Pass

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

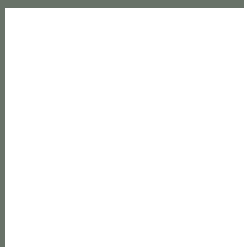
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2249, 15.9772, 15.4309

Background



This preview shows how black text looks on a background with the XYZ color 14.2249, 15.9772, 15.4309.



This preview shows how white text looks on a background with the XYZ color 14.2249, 15.9772,

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

14.2249, 15.9772, 15.4309

Protanopia

15.1529, 15.9730, 14.8548

Deuteranopia

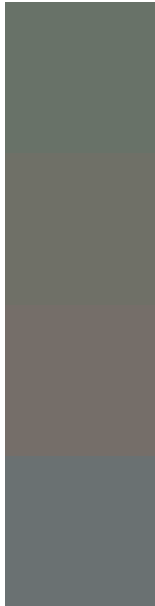
16.1197, 15.8204, 15.5686



Tritanopia

15.2477, 16.0702, 20.0675

Trichromacy



Original Color

14.2249, 15.9772, 15.4309

Protanomaly

14.7979, 15.9471, 15.1301

Deuteranomaly

15.4619, 15.9537, 15.6290

Tritanomaly

14.8862, 16.0893, 18.2406

Monochromacy



Original Color

14.2249, 15.9772, 15.4309

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.5756, 15.6397, 16.4379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2249, 15.9772, 15.4309 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(104, 114, 104) looks like.

```
.text, #text, p{  
    color:rgb(104, 114, 104)  
}
```

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(104, 114, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 114, 104) }
```

Border

The CSS property to change the border of an element to XYZ 14.2249, 15.9772, 15.4309 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(104, 114, 104) }
```


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

```
.border{ border-color:rgb(104, 114, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 114, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 114, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 114, 104);  
box-shadow:4px 4px 4px 4px rgb(104, 114,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2249, 15.9772, 15.4309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 114, 104) }
```

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

```
.background{ background-color: rgb(104,  
114, 104) }
```

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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