

Converting Colors

XYZ(14.2300, 14.8502, 16.1961)

Have a look what the booklet for
XYZ(14.2300, 14.8502, 16.1961)
contains.

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Color

**XYZ(14.2711, 14.8493,
16.3014)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6B6C
RGB	109, 107, 108
RGB Percent	43%, 42%, 42%
CMY	0.5725, 0.5804, 0.5765
CMYK	0.00, 0.02, 0.01, 0.57
HSL	330°, 1%, 42%
HSV	330°, 2%, 43%
XYZ	14.2711, 14.8493, 16.3014
YIQ	107.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

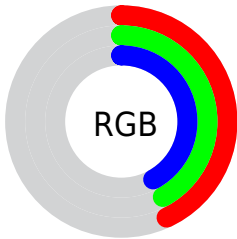
Format	Color
R_{YB}	109, 107, 108
Decimal	7170924
CIE Lab	45.43, 0.98, -0.29
CIE LCh	45, 1.022, 343.531
Yxy	14.8493, 0.3142, 0.3269
Android (android.graphics.Color)	4285361004 (0xFF6D6B6C)
YUV	107.7120, 0.1420, 1.1296
Hunter-Lab	38.5348, -1.3296, 1.8929

Details

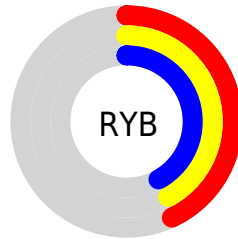
The XYZ color **14.2711, 14.8493, 16.3014** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.2393, 15.1461, 16.3610**, and the grayscale version is **14.1730, 14.9111, 16.2382**.

A 20% lighter version of the original color is **32.9821, 34.4305, 37.7083**, and **4.4448, 4.5928, 5.0671** is the 20% darker color. If you saturate the color by 10%, you get **12.9245, 12.6059, 14.4650**, and if you desaturate by 10%, it is **15.7800, 17.3878, 18.2819**.

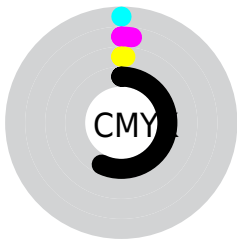
Distribution



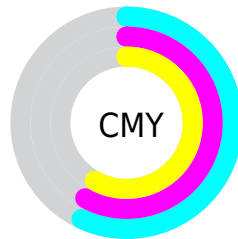
- Red (43%)
- Green (42%)
- Blue (42%)



- Red (43%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (57%)



- Cyan (57%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2711, 14.8493, 16.3014 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 14.2711, 14.8493, 16.3014 by changing the saturation by 10% instead.

■ 14.2711, 14.8493,
16.3014

■ 14.2711, 14.8493,
16.3014

212.3879,
222.4523, 243.0198

■ 8.3924, 8.7137,
9.5810

■ 33.1515, 34.5886,
37.8947

■ 4.4010, 4.5549,
5.0201

■ 46.8840, 48.9611,
53.6047

■ 1.9314, 1.9886,
2.2001

■ 63.9652, 66.8479,
73.1484

■ 0.5950, 0.6008,
0.6744

■ 84.7603, 88.6336,
96.9442

■ 0.0000, 0.0000,
0.0000

109.6348,
114.7025, 125.4107

138.9540,

145.4390, 158.9664

173.0832,
181.2274, 198.0300

■ 14.2711, 14.8493,
16.3014

■ 14.2711, 14.8493,
16.3014

■ 12.9245, 12.6059,
14.4650

■ 15.7800, 17.3878,
18.2819

■ 11.7332, 10.6450,
12.7682

■ 17.4553, 20.2296,
20.4088

■ 10.6918, 8.9557,
11.2077

■ 19.3025, 23.3851,
22.6858

■ 9.7938, 7.5259,
9.7796

■ 21.3265, 26.8637,
25.1160

■ 9.0324, 6.3424,
8.4798

■ 23.5320, 30.6741,
27.7023

■ 8.4001, 5.3909,
7.3041

■ 25.9234, 34.8248,
30.4478

■ 7.8889, 4.6557,
6.2478

■ 28.5051, 39.3243,
33.3553

■ 7.4893, 4.1190,
5.3059

■ 31.2812, 44.1803,
36.4276

■ 7.1905, 3.7594,
4.4726

■ 34.2560, 49.4005,
39.6673

Harmonies

Analogous

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



14.2267, 14.8493, 16.5100



14.2711, 14.8493, 16.3014



14.2733, 14.8493, 16.0591

Triad

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



14.2711, 14.8493, 16.3014



14.0756, 14.8493, 15.7176



13.9957, 14.8493, 16.4928

Complementary

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



14.2711, 14.8493, 16.3014



14.2393, 15.1461, 16.3610

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.



13.9555, 14.8493, 16.2781



14.2711, 14.8493, 16.3014



14.0016, 14.8493, 15.8314

Square

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



14.2711, 14.8493, 16.3014



14.1602, 14.8493, 15.7237



13.9577, 14.8493, 16.0361



14.0675, 14.8493, 16.6213

Rectangle

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



14.2711, 14.8493, 16.3014



14.2505, 14.8493, 15.9112



13.9577, 14.8493, 16.0361



13.9780, 14.8493, 16.4283

Sweetspot

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



14.2715, 14.8499, 16.3017



25.7618, 26.9370, 29.4664



14.2029, 14.8084, 16.5778



6.0000, 6.2769, 6.8638



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



14.2715, 14.8499, 16.3017



25.4984, 26.4958, 29.1145



14.2187, 14.8288, 16.0235



3.3897, 3.5280, 3.8722



8.1557, 4.1144, 4.4486



41.1185, 20.7893, 20.3583

Inverse Universe

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



14.2715, 14.8499, 16.3017



25.4984, 26.4958, 29.1145



14.2928, 15.1675, 16.6424



3.3897, 3.5280, 3.8722



8.1557, 4.1144, 4.4486



41.1185, 20.7893, 20.3583

Previews

White Background



This preview shows how the XYZ color 14.2711, 14.8493, 16.3014 looks on a white background.

Color Contrast Check

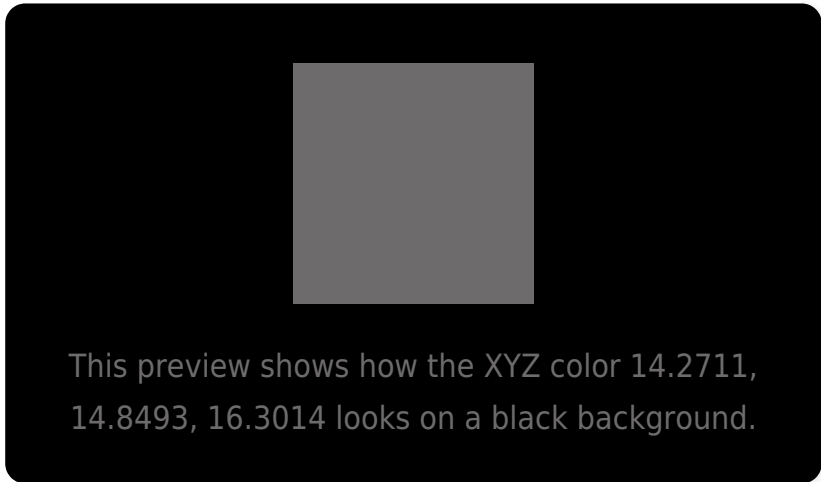
Large Text (above 18pt) WCAG AA ✓ Pass

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

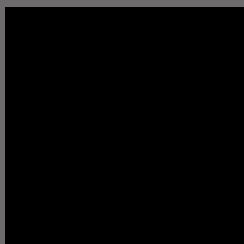
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

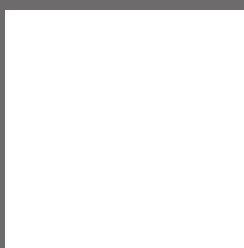
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.2711, 14.8493, 16.3014

Background



This preview shows how black text looks on a background with the XYZ color 14.2711, 14.8493, 16.3014.



This preview shows how white text looks on a background with the XYZ color 14.2711, 14.8493,

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

14.2711, 14.8493, 16.3014

Protanopia

14.2711, 14.8493, 16.3014

Deuteranopia

15.0467, 14.7867, 16.5291



Tritanopia

14.6217, 14.8380, 18.0130

Trichromacy

**Original Color**

14.2711, 14.8493, 16.3014

Protanomaly

14.2711, 14.8493, 16.3014

Deuteranomaly

14.7513, 14.7847, 16.5442

Tritanomaly

14.5091, 14.7929, 17.4198

Monochromacy

**Original Color**

14.2711, 14.8493, 16.3014

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.2537, 14.9960, 16.3306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2711, 14.8493, 16.3014 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(109, 107, 108)` looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 108)  
}
```

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(109, 107, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 108) }
```

Border

The CSS property to change the border of an element to XYZ 14.2711, 14.8493, 16.3014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

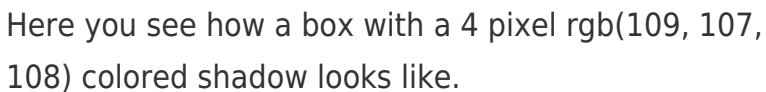
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 107, 108) }
```


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

```
.border{ border-color:rgb(109, 107, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(109, 107, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 107, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 107, 108); box-shadow:4px 4px 4px 4px rgb(109, 107, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 14.2711, 14.8493, 16.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 107, 108) }
```

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

```
.background{ background-color: rgb(109,  
107, 108) }
```

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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