

Converting Colors

XYZ(14.2120, 14.5072, 16.7910)

Have a look what the booklet for
XYZ(14.2120, 14.5072, 16.7910)
contains.

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Color

**XYZ(14.1727, 14.4801,
16.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	6D696E
RGB	109, 105, 110
RGB Percent	43%, 41%, 43%
CMY	0.5725, 0.5882, 0.5686
CMYK	0.01, 0.05, 0.00, 0.57
HSL	288°, 2%, 42%
HSV	288°, 5%, 43%
XYZ	14.1727, 14.4801, 16.7998
YIQ	106.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

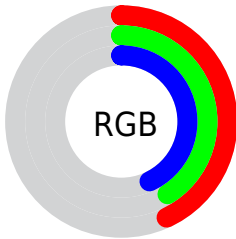
Format	Color
R_{YB}	109, 105, 110
Decimal	7170414
CIE Lab	44.91, 2.58, -2.25
CIE LCh	45, 3.421, 318.961
Yxy	14.4801, 0.3118, 0.3186
Android (android.graphics.Color)	4285360494 (0xFF6D696E)
YUV	106.7660, 1.5944, 1.9592
Hunter-Lab	38.0527, -0.1101, 0.4611

Details

The XYZ color **14.1727, 14.4801, 16.7998** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.0701, 15.2363, 15.5646**, and the grayscale version is **13.9063, 14.6305, 15.9326**.

A 20% lighter version of the original color is **32.9073, 33.8592, 38.9835**, and **4.3969, 4.4091, 5.3219** is the 20% darker color. If you saturate the color by 10%, you get **12.8568, 12.2451, 16.4380**, and if you desaturate by 10%, it is **15.6411, 17.0098, 17.2109**.

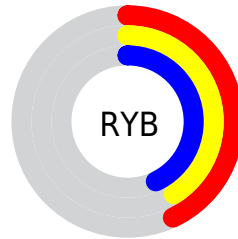
Distribution



Red (43%)

Green (41%)

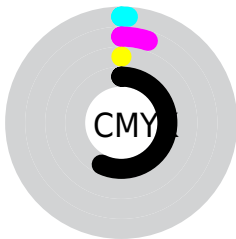
Blue (43%)



Red (43%)

Yellow (41%)

Blue (43%)

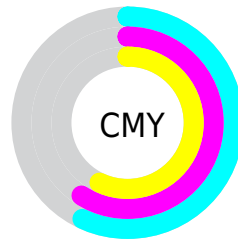


Cyan (1%)

Magenta (5%)

Yellow (0%)

Black (57%)



Cyan (57%)

Magenta (59%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.1727, 14.4801, 16.7998 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 14.1727, 14.4801, 16.7998 by changing the saturation by 10% instead.

■ 14.1727, 14.4801,
16.7998

■ 14.1727, 14.4801,
16.7998

211.7917,
220.1974, 246.0208

■ 8.3234, 8.4553,
9.9314

■ 32.9789, 33.9385,
38.7672

■ 4.3561, 4.3877,
5.2485

■ 46.6664, 48.1409,
54.7032

■ 1.9055, 1.8927,
2.3325

■ 63.6974, 65.8380,
74.4989

■ 0.5800, 0.5440,
0.7493

■ 84.4372, 87.4142,
98.5728

■ 0.0000, 0.0000,
0.0000

109.2512,
113.2538, 127.3434

138.5047,

143.7413, 161.2292

172.5631,
179.2611, 200.6488

■ 14.1727, 14.4801,
16.7998

■ 14.1727, 14.4801,
16.7998

■ 12.8568, 12.2451,
16.4380

■ 15.6411, 17.0098,
17.2109

■ 11.6867, 10.2917,
16.1226

■ 17.2661, 19.8427,
17.6721

■ 10.6569, 8.6090,
15.8521

■ 19.0531, 22.9894,
18.1852

■ 9.7609, 7.1842,
15.6243

■ 21.0069, 26.4594,
18.7520

■ 8.9920, 6.0037,
15.4370

■ 23.1321, 30.2617,
19.3740

8.3427, 5.0528,
15.2876

25.4330, 34.4052,
20.0525

7.8047, 4.3148,
15.1736

27.9139, 38.8982,
20.7890

7.3685, 3.7711,
15.0916

30.5789, 43.7489,
21.5848

7.0183, 3.3896,
15.0364

33.4319, 48.9650,
22.4412

Harmonies

Analogous

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



13.9385, 14.4801, 17.2689



14.1727, 14.4801, 16.7998



14.2977, 14.4801, 16.0632

Triad

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



14.1727, 14.4801, 16.7998



13.8662, 14.4801, 14.3019



13.2603, 14.4801, 16.2723

Complementary

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



14.1727, 14.4801, 16.7998



14.0701, 15.2363, 15.5646

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.



13.2416, 14.4801, 15.4732



14.1727, 14.4801, 16.7998



13.5888, 14.4801, 14.3536

Square

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



14.1727, 14.4801, 16.7998



14.1192, 14.4801, 14.6325



13.3611, 14.4801, 14.7762



13.4127, 14.4801, 16.9573

Rectangle

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



14.1727, 14.4801, 16.7998



14.3012, 14.4801, 15.5276



13.3611, 14.4801, 14.7762



13.2383, 14.4801, 16.0076

Sweetspot

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



14.1731, 14.4807, 16.8001



25.7664, 26.9331, 29.7478



13.8033, 14.4549, 16.8146



6.0010, 6.2761, 6.9239



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.



14.1731, 14.4807, 16.8001



24.7469, 25.1852, 29.4642



14.2203, 14.5139, 16.4030



3.5763, 3.6329, 4.2669



8.1917, 3.8324, 18.0296



40.0963, 18.7248, 89.7801

Inverse Universe

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



14.0840, 14.4594, 15.6849



24.5711, 25.1432, 27.2582



14.0253, 15.2048, 15.9457



3.5495, 3.6265, 3.9304



7.8896, 4.0482, 1.2284



39.0459, 20.0637, 4.7742

Previews

White Background



This preview shows how the XYZ color 14.1727, 14.4801, 16.7998 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 14.1727, 14.4801, 16.7998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

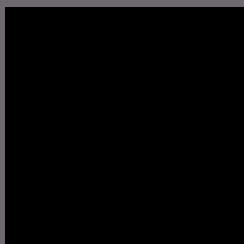
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.1727, 14.4801, 16.7998

Background



This preview shows how black text looks on a background with the XYZ color 14.1727, 14.4801, 16.7998.



This preview shows how white text looks on a background with the XYZ color 14.1727, 14.4801,

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

14.1727, 14.4801, 16.7998

Protanopia

14.0319, 14.5597, 16.8226

Deuteranopia

14.7350, 14.4711, 16.7684



Tritanopia

14.3389, 14.5466, 17.6748

Trichromacy



Original Color

14.1727, 14.4801, 16.7998

Protanomaly

14.1528, 14.6220, 16.8282

Deuteranomaly

14.5748, 14.5371, 16.7896

Tritanomaly

14.2829, 14.5242, 17.3799

Monochromacy



Original Color

14.1727, 14.4801, 16.7998

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

14.0452, 14.5789, 16.2611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.1727, 14.4801, 16.7998 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, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 105, 110)  
}
```

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, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 105, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.1727, 14.4801, 16.7998 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, 105, 110) }
```


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

```
.border{ border-color:rgb(109, 105, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 105,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.1727, 14.4801, 16.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 105, 110) }
```

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

```
.background{ background-color: rgb(109,  
105, 110) }
```

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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