

Converting Colors

XYZ(14.0036, 14.3965, 16.6507)

Have a look what the booklet for
XYZ(14.0036, 14.3965, 16.6507)
contains.

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Color

**XYZ(14.0504, 14.4171,
16.7941)**

Conversions

Conversions Part 1

Format	Color
Hex	6C696E
RGB	108, 105, 110
RGB Percent	42%, 41%, 43%
CMY	0.5765, 0.5882, 0.5686
CMYK	0.02, 0.05, 0.00, 0.57
HSL	276°, 2%, 42%
HSV	276°, 5%, 43%
XYZ	14.0504, 14.4171, 16.7941
YIQ	106.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

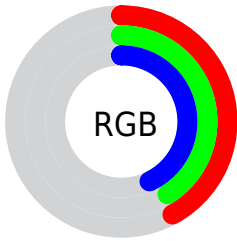
Format	Color
R _Y B	108, 105, 110
Decimal	7104878
CIE Lab	44.83, 2.20, -2.39
CIE LCh	45, 3.244, 312.630
Yxy	14.4171, 0.3104, 0.3185
Android (android.graphics.Color)	4285294958 (0xFF6C696E)
YUV	106.4670, 1.7418, 1.3444
Hunter-Lab	37.9699, -0.3949, 0.3549

Details

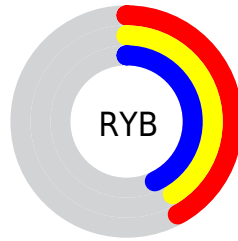
The XYZ color **14.0504, 14.4171, 16.7941** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1897, 15.2980, 15.5703**, and the grayscale version is **13.8235, 14.5434, 15.8378**.

A 20% lighter version of the original color is **32.7081, 33.7565, 38.9742**, and **4.3347, 4.3771, 5.3190** is the 20% darker color. If you saturate the color by 10%, you get **12.4800, 12.0508, 16.4203**, and if you desaturate by 10%, it is **15.7937, 17.0885, 17.2181**.

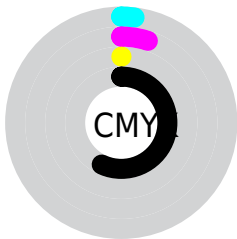
Distribution



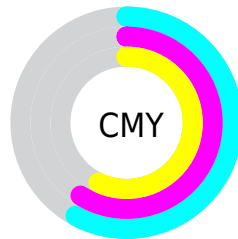
- Red (42%)
- Green (41%)
- Blue (43%)



- Red (42%)
- Yellow (41%)
- Blue (43%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0504, 14.4171, 16.7941 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 14.0504, 14.4171, 16.7941 by changing the saturation by 10% instead.

■ 14.0504, 14.4171,
16.7941

■ 14.0504, 14.4171,
16.7941

211.0485,
219.8104, 245.9867

■ 8.2377, 8.4113,
9.9274

■ 32.7639, 33.8273,
38.7572

■ 4.3005, 4.3593,
5.2459

■ 46.3955, 48.0005,
54.6907

■ 1.8735, 1.8765,
2.3310

■ 63.3640, 65.6650,
74.4835

■ 0.5614, 0.5342,
0.7485

■ 84.0348, 87.2052,
98.5542

■ 0.0000, 0.0000,
0.0000

108.7733,
113.0054, 127.3214

137.9448,

143.4501, 161.2034

171.9148,
178.9236, 200.6190

■ 14.0504, 14.4171,
16.7941

■ 14.0504, 14.4171,
16.7941

■ 12.4800, 12.0508,
16.4203

■ 15.7937, 17.0885,
17.2181

■ 11.0752, 9.9765,
16.0940

■ 17.7141, 20.0737,
17.6930

■ 9.8302, 8.1828,
15.8134

■ 19.8175, 23.3835,
18.2210

■ 8.7383, 6.6570,
15.5765

■ 22.1089, 27.0275,
18.8036

■ 7.7923, 5.3853,
15.3808

■ 24.5932, 31.0151,
19.4424

6.9843, 4.3525,
15.2241

27.2752, 35.3550,
20.1387

6.3057, 3.5421,
15.1034

30.1593, 40.0559,
20.8941

5.7466, 2.9349,
15.0157

33.2501, 45.1260,
21.7098

5.2905, 2.4990,
14.9556

36.5516, 50.5733,
22.5872

Harmonies

Analogous

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



13.8145, 14.4171, 17.1626



14.0504, 14.4171, 16.7941



14.1942, 14.4171, 16.1367

Triad

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



14.0504, 14.4171, 16.7941



13.8554, 14.4171, 14.3481



13.2127, 14.4171, 16.0185

Complementary

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



14.0504, 14.4171, 16.7941



14.1897, 15.2980, 15.5703

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.



13.2233, 14.4171, 15.2669



14.0504, 14.4171, 16.7941



13.5921, 14.4171, 14.3188

Square

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



14.0504, 14.4171, 16.7941



14.0807, 14.4171, 14.7317



13.3614, 14.4171, 14.6502



13.3322, 14.4171, 16.7052

Rectangle

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



14.0504, 14.4171, 16.7941



14.2174, 14.4171, 15.6310



13.3614, 14.4171, 14.6502



13.2012, 14.4171, 15.7647

Sweetspot

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



14.0508, 14.4177, 16.7944



25.7172, 26.9078, 29.7455



13.9071, 14.6624, 16.8492



5.9905, 6.2706, 6.9234



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.



14.0508, 14.4177, 16.7944



24.5047, 25.0603, 29.4528



14.2742, 14.5355, 16.6868



3.5393, 3.6138, 4.2652



6.0455, 2.7260, 17.9291



29.1228, 13.0677, 89.2665

Inverse Universe

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



14.1363, 14.4804, 15.9606



24.6744, 25.1845, 27.8021



13.9735, 15.1840, 15.6722



3.5652, 3.6328, 4.0133



8.2576, 4.1954, 3.1663



40.7324, 20.7383, 13.6548

Previews

White Background



This preview shows how the XYZ color 14.0504, 14.4171, 16.7941 looks on a white background.

Color Contrast Check

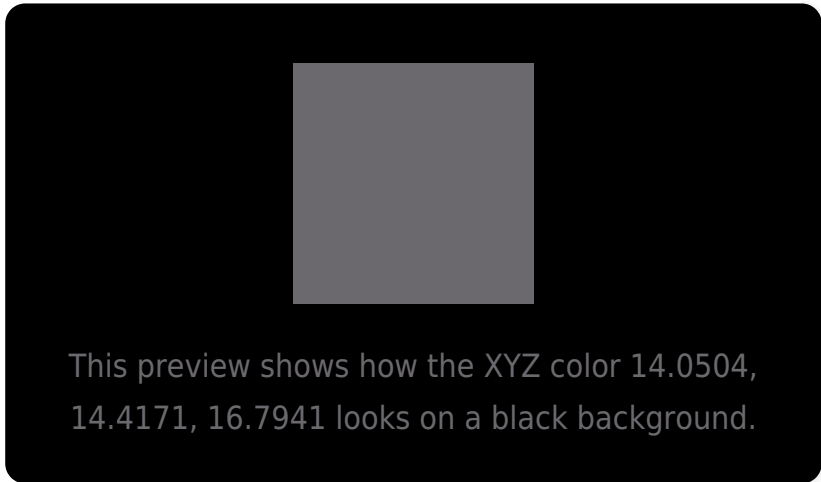
Large Text (above 18pt) WCAG AA ✓ Pass

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

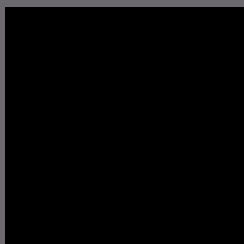
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

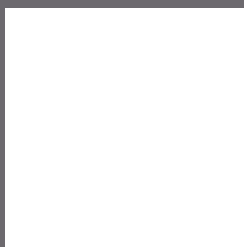
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0504, 14.4171, 16.7941

Background



This preview shows how black text looks on a background with the XYZ color 14.0504, 14.4171, 16.7941.



This preview shows how white text looks on a background with the XYZ color 14.0504, 14.4171,

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

14.0504, 14.4171, 16.7941

Protanopia

13.9295, 14.3547, 16.7884

Deuteranopia

14.6042, 14.4037, 16.7623



Tritanopia

14.2166, 14.4836, 17.6691

Trichromacy



Original Color

14.0504, 14.4171, 16.7941

Protanomaly

13.9295, 14.3547, 16.7884

Deuteranomaly

14.4469, 14.4712, 16.7836

Tritanomaly

14.1605, 14.4611, 17.3742

Monochromacy



Original Color

14.0504, 14.4171, 16.7941

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

13.8713, 14.4954, 15.9767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0504, 14.4171, 16.7941 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(108, 105, 110)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 105, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 105, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.0504, 14.4171, 16.7941 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(108, 105, 110) }
```


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

```
.border{ border-color:rgb(108, 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(108, 105, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 105, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 105, 110);  
box-shadow:4px 4px 4px 4px rgb(108, 105,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0504, 14.4171, 16.7941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 105, 110) }
```

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

```
.background{ background-color: rgb(108,  
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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