

Converting Colors

XYZ(13.9867, 14.6648, 15.8244)

Have a look what the booklet for
XYZ(13.9867, 14.6648, 15.8244)
contains.

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Color

**XYZ(14.0436, 14.7441,
15.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6B6A
RGB	108, 107, 106
RGB Percent	42%, 42%, 42%
CMY	0.5765, 0.5804, 0.5843
CMYK	0.00, 0.01, 0.02, 0.58
HSL	30°, 1%, 42%
HSV	30°, 2%, 42%
XYZ	14.0436, 14.7441, 15.7414
YIQ	107.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

Format	Color
RYB	108, 108, 106
Decimal	7105386
CIELab	45.28, 0.19, 0.69
CIELCh	45, 0.715, 74.838
Yxy	14.7441, 0.3154, 0.3311
Android (android.graphics.Color)	4285295466 (0xFF6C6B6A)
YUV	107.1850, -0.5842, 0.7148
Hunter-Lab	38.3980, -1.9125, 2.5725

Details

The XYZ color **14.0436, 14.7441, 15.7414** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9085, 14.6623, 16.2848**, and the grayscale version is **14.0282, 14.7587, 16.0723**.

A 20% lighter version of the original color is **32.6107, 34.2590, 36.7922**, and **4.3297, 4.5396, 4.7857** is the 20% darker color. If you saturate the color by 10%, you get **12.9722, 13.4441, 12.7856**, and if you desaturate by 10%, it is **15.2217, 16.1438, 19.0821**.

Distribution



Red (42%)

Green (42%)

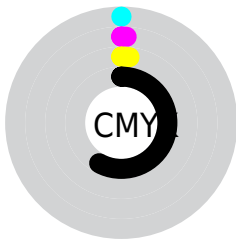
Blue (42%)



Red (42%)

Yellow (42%)

Blue (42%)



Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (58%)



Cyan (58%)

Magenta (58%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.0436, 14.7441, 15.7414 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 14.0436, 14.7441, 15.7414 by changing the saturation by 10% instead.

■ 14.0436, 14.7441,
15.7414

■ 14.0436, 14.7441,
15.7414

211.0071,
221.8121, 239.6043

■ 8.2329, 8.6400,
9.1890

■ 32.7520, 34.4036,
36.9092

■ 4.2974, 4.5071,
4.7662

■ 46.3804, 48.7278,
52.3617

■ 1.8717, 1.9611,
2.0544

■ 63.3454, 66.5609,
71.6179

■ 0.5603, 0.5847,
0.5884

■ 84.0124, 88.2871,
95.0964

■ 0.0000, 0.0000,
0.0000

108.7467,
114.2909, 123.2158

137.9137,

144.9568, 156.3945

171.8787,
180.6690, 195.0512

■ 14.0436, 14.7441,
15.7414

■ 14.0436, 14.7441,
15.7414

■ 12.9722, 13.4441,
12.7856

■ 15.2217, 16.1438,
19.0821

■ 12.0030, 12.2397,
10.1999

■ 16.5083, 17.6436,
22.8202

■ 11.1330, 11.1290,
7.9695

■ 17.9068, 19.2463,
26.9685

■ 10.3584, 10.1095,
6.0788

■ 19.4200, 20.9538,
31.5391

■ 9.6755, 9.1785,
4.5105

■ 21.0508, 22.7683,
36.5437

■ 9.0800, 8.3333,
3.2461

■ 22.8017, 24.6918,
41.9933

■ 8.5674, 7.5707,
2.2650

■ 24.6753, 26.7260,
47.8986

■ 8.1324, 6.8876,
1.5441

■ 26.6740, 28.8728,
54.2702

■ 7.7691, 6.2802,
1.0554

■ 28.8003, 31.1341,
61.1178

Harmonies

Analogous

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



14.0946, 14.7441, 15.8252



14.0436, 14.7441, 15.7414



13.9847, 14.7441, 15.7409

Triad

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



14.0436, 14.7441, 15.7414



13.9041, 14.7441, 16.1374



14.0942, 14.7441, 16.2860

Complementary

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



14.0436, 14.7441, 15.7414



13.9085, 14.6623, 16.2848

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.



14.0430, 14.7441, 16.3708



14.0436, 14.7441, 15.7414



13.9333, 14.7441, 16.2846

Square

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



14.0436, 14.7441, 15.7414



13.9043, 14.7441, 15.9688



13.9841, 14.7441, 16.3703



14.1239, 14.7441, 16.1392

Rectangle

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



14.0436, 14.7441, 15.7414



13.9489, 14.7441, 15.7879



13.9841, 14.7441, 16.3703



14.0789, 14.7441, 16.3227

Sweetspot

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



14.0440, 14.7447, 15.7417



24.8189, 26.0816, 28.0939



13.9925, 14.5580, 15.9827



6.0112, 6.3177, 6.8111



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.



14.0440, 14.7447, 15.7417



24.6155, 25.8377, 27.5244



14.1488, 14.9543, 15.7766



3.4018, 3.5717, 3.8158



8.9261, 6.9020, 0.8618



44.6133, 33.4302, 4.1013

Inverse Universe

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



13.9085, 14.6623, 16.2848



24.3520, 25.6775, 28.5805



13.8049, 14.4552, 16.2503



3.3700, 3.5524, 3.9429



4.7710, 4.3763, 17.5155



23.4416, 20.5617, 88.9595

Previews

White Background



This preview shows how the XYZ color 14.0436, 14.7441, 15.7414 looks on a white background.

Color Contrast Check

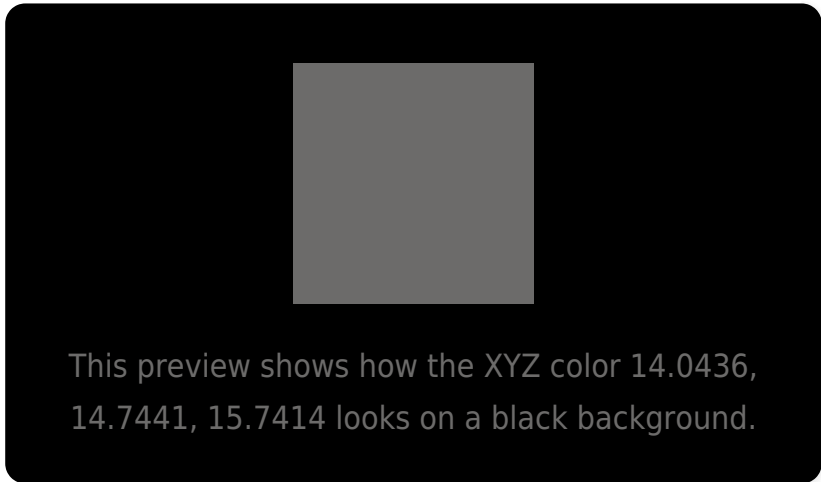
Large Text (above 18pt) WCAG AA ✓ Pass

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

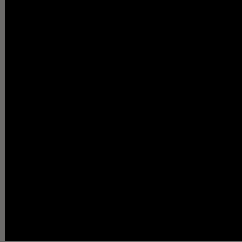
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

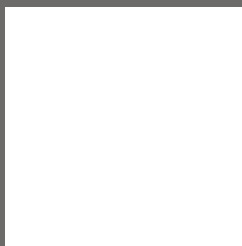
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.0436, 14.7441, 15.7414

Background



This preview shows how black text looks on a background with the XYZ color 14.0436, 14.7441, 15.7414.

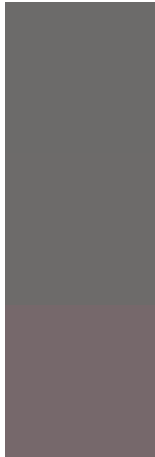


This preview shows how white text looks on a background with the XYZ color 14.0436, 14.7441,

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

14.0436, 14.7441, 15.7414

Protanopia

14.1659, 14.8072, 15.7471

Deuteranopia

15.0754, 14.8137, 15.9747



Tritanopia

14.4980, 14.7742, 18.0072

Trichromacy

**Original Color**

14.0436, 14.7441, 15.7414

Protanomaly

14.1659, 14.8072, 15.7471

Deuteranomaly

14.6448, 14.7421, 15.9836

Tritanomaly

14.3300, 14.7070, 17.1224

Monochromacy

**Original Color**

14.0436, 14.7441, 15.7414

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.9749, 14.7027, 16.0113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0436, 14.7441, 15.7414 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, 107, 106)` looks like.

```
.text, #text, p{  
    color:rgb(108, 107, 106)  
}
```

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, 107, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 107, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.0436, 14.7441, 15.7414 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, 107, 106) }
```


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

```
.border{ border-color:rgb(108, 107, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 107, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 107, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 107, 106);  
box-shadow:4px 4px 4px 4px rgb(108, 107,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.0436, 14.7441, 15.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 107, 106) }
```

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

```
.background{ background-color: rgb(108,  
107, 106) }
```

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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