

Converting Colors

XYZ(14.3868, 14.9696, 16.7833)

Have a look what the booklet for
XYZ(14.3868, 14.9696, 16.7833)
contains.

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Color

**XYZ(14.3788, 14.8924,
16.8685)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6B6E
RGB	109, 107, 110
RGB Percent	43%, 42%, 43%
CMY	0.5725, 0.5804, 0.5686
CMYK	0.01, 0.03, 0.00, 0.57
HSL	280°, 1%, 43%
HSV	280°, 3%, 43%
XYZ	14.3788, 14.8924, 16.8685
YIQ	107.9400, 0.2290, 1.3570

Conversions

Conversions Part 2

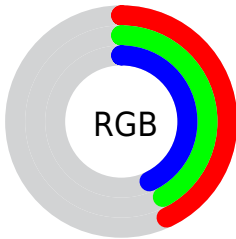
Format	Color
R_{YB}	109, 107, 110
Decimal	7170926
CIE Lab	45.49, 1.39, -1.40
CIE LCh	45, 1.977, 314.714
Yxy	14.8924, 0.3116, 0.3228
Android (android.graphics.Color)	4285361006 (0xFF6D6B6E)
YUV	107.9400, 1.0156, 0.9296
Hunter-Lab	38.5907, -1.0250, 1.0970

Details

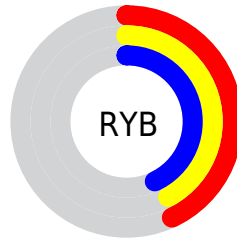
The XYZ color **14.3788, 14.8924, 16.8685** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.4147, 15.4020, 16.1239**, and the grayscale version is **14.2346, 14.9759, 16.3088**.

A 20% lighter version of the original color is **33.2457, 34.5359, 39.0963**, and **4.4997, 4.6147, 5.3562** is the 20% darker color. If you saturate the color by 10%, you get **12.8621, 12.5153, 16.4898**, and if you desaturate by 10%, it is **16.0611, 17.5723, 17.2973**.

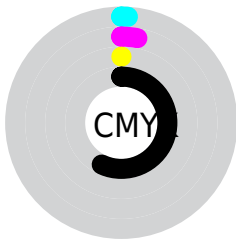
Distribution



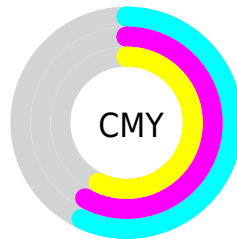
- Red (43%)
- Green (42%)
- Blue (43%)



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



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (57%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.3788, 14.8924, 16.8685 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 14.3788, 14.8924, 16.8685 by changing the saturation by 10% instead.

■ 14.3788, 14.8924,
16.8685

■ 14.3788, 14.8924,
16.8685

213.0386,
222.7140, 246.4317

■ 8.4681, 8.7439,
9.9798

■ 33.3403, 34.6643,
38.8871

■ 4.4502, 4.5745,
5.2801

■ 47.1218, 49.0565,
54.8541

■ 1.9598, 1.9999,
2.3510

■ 64.2576, 66.9654,
74.6842

■ 0.6113, 0.6074,
0.7596

■ 85.1131, 88.7754,
98.7961

■ 0.0000, 0.0000,
0.0000

110.0536,
114.8708, 127.6083

139.4444,

145.6362, 161.5392

173.6509,
181.4558, 201.0075

■ 14.3788, 14.8924,
16.8685

■ 14.3788, 14.8924,
16.8685

■ 12.8621, 12.5153,
16.4898

■ 16.0611, 17.5723,
17.2973

■ 11.5041, 10.4281,
16.1585

■ 17.9132, 20.5636,
17.7771

■ 10.2992, 8.6197,
15.8730

■ 19.9406, 23.8769,
18.3098

■ 9.2408, 7.0776,
15.6311

■ 22.1482, 27.5216,
18.8969

■ 8.3222, 5.7882,
15.4307

■ 24.5407, 31.5069,
19.5401

■ 7.5357, 4.7369,
15.2692

■ 27.1227, 35.8416,
20.2406

■ 6.8730, 3.9074,
15.1440

■ 29.8986, 40.5339,
21.0001

■ 6.3248, 3.2812,
15.0520

■ 32.8725, 45.5922,
21.8197

■ 5.8789, 2.8345,
14.9893

■ 36.0485, 51.0243,
22.7008

Harmonies

Analogous

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



14.2354, 14.8924, 17.1086



14.3788, 14.8924, 16.8685



14.4625, 14.8924, 16.4556

Triad

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



14.3788, 14.8924, 16.8685



14.2384, 14.8924, 15.3559



13.8506, 14.8924, 16.4468

Complementary

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



14.3788, 14.8924, 16.8685



14.4147, 15.4020, 16.1239

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.



13.8514, 14.8924, 15.9773



14.3788, 14.8924, 16.8685



14.0745, 14.8924, 15.3536

Square

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



14.3788, 14.8924, 16.8685



14.3811, 14.8924, 15.5854



13.9331, 14.8924, 15.5792



13.9309, 14.8924, 16.8619

Rectangle

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



14.3788, 14.8924, 16.8685



14.4728, 14.8924, 16.1409



13.9331, 14.8924, 15.5792



13.8415, 14.8924, 16.2900

Sweetspot

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



14.3792, 14.8930, 16.8688



25.7335, 26.9162, 29.7463



14.2463, 14.9879, 16.8941



5.9939, 6.2724, 6.9236



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.



14.3792, 14.8930, 16.8688



25.1531, 25.9977, 29.5996



14.4786, 14.9471, 16.7460



3.6236, 3.7336, 4.2839



6.6771, 3.0516, 17.9587



32.3194, 14.7156, 89.4161

Inverse Universe

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



14.3954, 14.9138, 16.3082



25.1854, 26.0390, 28.4885



14.3175, 15.3491, 16.2432



3.6291, 3.7406, 4.0957



8.1079, 4.1355, 2.3780



40.0251, 20.4554, 9.9302

Previews

White Background



This preview shows how the XYZ color 14.3788, 14.8924, 16.8685 looks on a white background.

Color Contrast Check

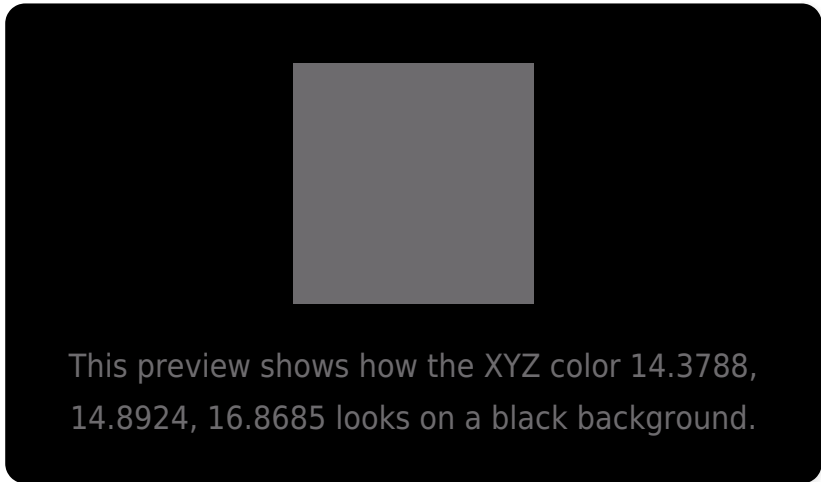
Large Text (above 18pt) WCAG AA ✓ Pass

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

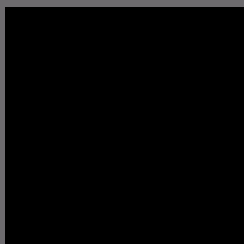
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

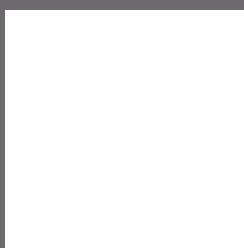
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.3788, 14.8924, 16.8685

Background



This preview shows how black text looks on a background with the XYZ color 14.3788, 14.8924, 16.8685.



This preview shows how white text looks on a background with the XYZ color 14.3788, 14.8924,

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

14.3788, 14.8924, 16.8685

Protanopia

14.3788, 14.8924, 16.8685

Deuteranopia

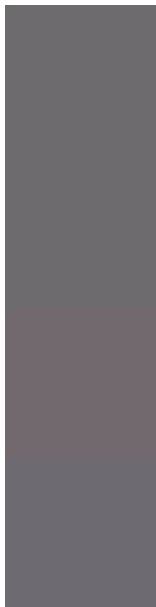
15.1557, 14.8302, 17.1027



Tritanopia

14.6790, 14.8609, 18.3144

Trichromacy



Original Color

14.3788, 14.8924, 16.8685

Protanomaly

14.3788, 14.8924, 16.8685

Deuteranomaly

14.8602, 14.8283, 17.1178

Tritanomaly

14.5651, 14.8153, 17.7148

Monochromacy



Original Color

14.3788, 14.8924, 16.8685

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.3072, 15.0174, 16.6126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.3788, 14.8924, 16.8685 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(109, 107, 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, 107, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 107, 110) }
```

Border

The CSS property to change the border of an element to XYZ 14.3788, 14.8924, 16.8685 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, 110) }
```


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

```
.border{ border-color:rgb(109, 107, 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, 107, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 107, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 107, 110);  
box-shadow:4px 4px 4px 4px rgb(109, 107,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 14.3788, 14.8924, 16.8685 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, 110) }
```

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

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