

Converting Colors

XYZ(14.7909, 16.4241, 13.3885)

Have a look what the booklet for
XYZ(14.7909, 16.4241, 13.3885)
contains.

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Color

**XYZ(14.7976, 16.4855,
13.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7360
RGB	111, 115, 96
RGB Percent	44%, 45%, 38%
CMY	0.5647, 0.5490, 0.6235
CMYK	0.03, 0.00, 0.17, 0.55
HSL	73°, 9%, 41%
HSV	73°, 17%, 45%
XYZ	14.7976, 16.4855, 13.4684
YIQ	111.6380, 3.7150, -6.7570

Conversions

Conversions Part 2

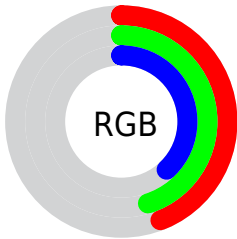
Format	Color
R_{YB}	96, 115, 100
Decimal	7304032
CIE _{Lab}	47.61, -5.18, 10.01
CIE _{LCh}	48, 11.273, 117.351
Yxy	16.4855, 0.3307, 0.3684
Android (android.graphics.Color)	4285494112 (0xFF6F7360)
YUV	111.6380, -7.7095, -0.5595
Hunter-Lab	40.6023, -5.9994, 8.7543

Details

The XYZ color **14.7976, 16.4855, 13.4684** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5335, 12.3133, 17.9367**, and the grayscale version is **15.3166, 16.1142, 17.5484**.

A 20% lighter version of the original color is **34.1894, 37.5305, 33.0459**, and **4.6328, 5.3014, 3.7967** is the 20% darker color. If you saturate the color by 10%, you get **14.0059, 16.1346, 10.8668**, and if you desaturate by 10%, it is **15.6759, 16.8731, 16.4792**.

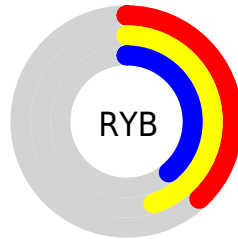
Distribution



Red (44%)

Green (45%)

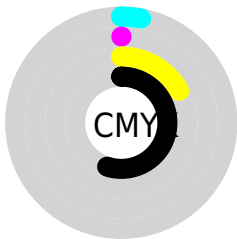
Blue (38%)



Red (38%)

Yellow (45%)

Blue (39%)

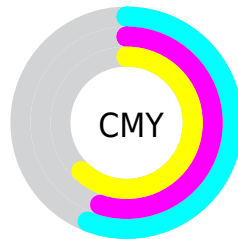


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (55%)



Cyan (56%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7976, 16.4855, 13.4684 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 14.7976, 16.4855, 13.4684 by changing the saturation by 10% instead.

■ 14.7976, 16.4855,
13.4684

■ 14.7976, 16.4855,
13.4684

215.5506,
232.1898, 225.2104

■ 8.7628, 9.8684,
7.6174

■ 34.0723, 37.4390,
32.8462

■ 4.6427, 5.3118,
3.7669

■ 48.0430, 52.5442,
47.2100

■ 2.0718, 2.4313,
1.4983

■ 65.3896, 71.2475,
65.2486

■ 0.6738, 0.8419,
0.2167

■ 86.4777, 93.9333,
87.3803

■ 0.0000, 0.0000,
0.0000

111.6724,
120.9861, 114.0238

141.3393,

152.7901, 145.5977

175.8435,
189.7299, 182.5203

■ 14.7976, 16.4855,
13.4684

■ 14.7976, 16.4855,
13.4684

■ 14.0059, 16.1346,
10.8668

■ 15.6759, 16.8731,
16.4792

■ 13.2961, 15.8169,
8.6556

■ 16.6428, 17.2965,
19.9146

■ 12.6650, 15.5316,
6.8162

■ 17.7017, 17.7577,
23.7907

■ 12.1085, 15.2771,
5.3282

■ 18.8554, 18.2578,
28.1223

■ 11.6225, 15.0517,
4.1690

■ 20.1068, 18.7979,
32.9236

■ 11.2020, 14.8535,
3.3134

■ 21.4585, 19.3791,
38.2081

■ 10.8415, 14.6801,
2.7329

■ 22.9130, 20.0025,
43.9889

■ 10.5290, 14.5268,
2.3638

■ 24.4727, 20.6690,
50.2784

■ 10.4238, 14.4751,
2.2446

■ 26.1400, 21.3795,
57.0888

Harmonies

Analogous

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



15.7585, 16.4855, 12.9686



14.7976, 16.4855, 13.4684



14.0972, 16.4855, 15.1261

Triad

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



14.7976, 16.4855, 13.4684



14.6492, 16.4855, 23.0259



17.6802, 16.4855, 18.2070

Complementary

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



14.7976, 16.4855, 13.4684



12.5335, 12.3133, 17.9367

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.



17.3534, 16.4855, 21.1050



14.7976, 16.4855, 13.4684



15.5798, 16.4855, 24.0669

Square

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



14.7976, 16.4855, 13.4684



14.0141, 16.4855, 20.6152



16.5739, 16.4855, 23.3293



17.4492, 16.4855, 15.5248

Rectangle

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



14.7976, 16.4855, 13.4684



13.8577, 16.4855, 16.7648



16.5739, 16.4855, 23.3293



17.6316, 16.4855, 19.1896

Sweetspot

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



14.7980, 16.4862, 13.4688



28.3006, 30.3145, 30.3175



13.7201, 13.5658, 12.9619



6.7293, 7.2222, 7.1549



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



14.7980, 16.4862, 13.4688



25.9116, 29.2608, 22.1663



13.6881, 15.9140, 13.4168



3.8948, 4.2292, 3.9533



11.8980, 16.5380, 2.5651



57.2496, 80.2150, 12.4657

Inverse Universe

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



12.5335, 12.3133, 17.9367



21.0086, 20.2251, 31.8411



13.6216, 12.8742, 17.9876



3.5661, 3.6236, 4.6017



3.9581, 1.6318, 18.6489



18.6888, 7.6429, 90.8505

Previews

White Background



This preview shows how the XYZ color 14.7976, 16.4855, 13.4684 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 14.7976, 16.4855, 13.4684 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

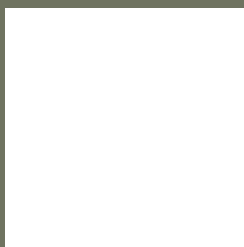
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7976, 16.4855, 13.4684

Background



This preview shows how black text looks on a background with the XYZ color 14.7976, 16.4855, 13.4684.



This preview shows how white text looks on a background with the XYZ color 14.7976, 16.4855,

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

14.7976, 16.4855, 13.4684

Protanopia

15.5784, 16.5584, 13.2015

Deuteranopia

16.6796, 16.4675, 13.6087



Tritanopia

16.1238, 16.5218, 20.1085

Trichromacy



Original Color

14.7976, 16.4855, 13.4684

Protanomaly

15.2853, 16.5739, 13.2199

Deuteranomaly

15.8681, 16.3695, 13.6326

Tritanomaly

15.5844, 16.4687, 17.3963

Monochromacy



Original Color

14.7976, 16.4855, 13.4684

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1887, 16.2956, 15.9805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7976, 16.4855, 13.4684 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(111, 115, 96)` looks like.

```
.text, #text, p{  
    color:rgb(111, 115, 96)  
}
```

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(111, 115, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 115, 96) }
```

Border

The CSS property to change the border of an element to XYZ 14.7976, 16.4855, 13.4684 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(111, 115, 96) }
```


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

```
.border{ border-color:rgb(111, 115, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 115, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 115, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 115, 96);  
box-shadow:4px 4px 4px 4px rgb(111, 115,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7976, 16.4855, 13.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 115, 96) }
```

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

```
.background{ background-color: rgb(111,  
115, 96) }
```

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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