

Converting Colors

XYZ(14.7923, 17.6328, 8.6096)

Have a look what the booklet for
XYZ(14.7923, 17.6328, 8.6096)
contains.

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Color

**XYZ(14.7848, 17.6404,
8.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	717947
RGB	113, 121, 71
RGB Percent	44%, 47%, 28%
CMY	0.5569, 0.5255, 0.7216
CMYK	0.07, 0.00, 0.41, 0.53
HSL	70°, 26%, 38%
HSV	70°, 41%, 47%
XYZ	14.7848, 17.6404, 8.5869
YIQ	112.9080, 11.2820, -17.2460

Conversions

Conversions Part 2

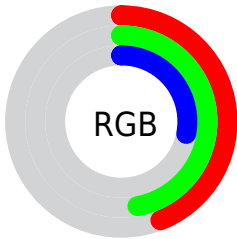
Format	Color
RYB	71, 121, 79
Decimal	7436615
CIELab	49.06, -11.52, 26.40
CIElCh	49, 28.802, 113.566
Yxy	17.6404, 0.3605, 0.4301
Android (android.graphics.Color)	4285626695 (0xFF717947)
YUV	112.9080, -20.6606, 0.0807
Hunter-Lab	42.0005, -10.6661, 17.2786

Details

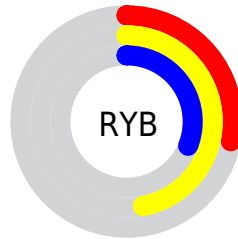
The XYZ color **14.7848, 17.6404, 8.5869** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.9295, 7.5496, 19.0767**, and the grayscale version is **15.7261, 16.5451, 18.0176**.

A 20% lighter version of the original color is **34.0596, 39.3502, 23.5695**, and **4.6833, 5.9297, 1.8750** is the 20% darker color. If you saturate the color by 10%, you get **14.1882, 17.3739, 6.7299**, and if you desaturate by 10%, it is **15.4650, 17.9422, 10.8523**.

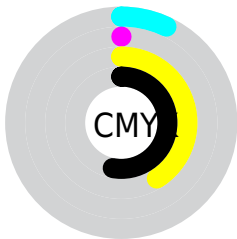
Distribution



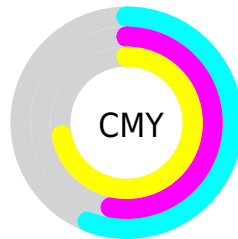
- Red (44%)
- Green (47%)
- Blue (28%)



- Red (28%)
- Yellow (47%)
- Blue (31%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (53%)



- Cyan (56%)
- Magenta (53%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.7848, 17.6404, 8.5869 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 14.7848, 17.6404, 8.5869 by changing the saturation by 10% instead.

■ 14.7848, 17.6404,
8.5869

■ 14.7848, 17.6404,
8.5869

215.4743,
238.8363, 190.3687

■ 8.7538, 10.6921,
4.3796

■ 34.0500, 39.4236,
23.6661

■ 4.6368, 5.8602,
1.8358

■ 48.0149, 55.0273,
35.3751

■ 2.0683, 2.7603,
0.4514

■ 65.3552, 74.2850,
50.4218

■ 0.6719, 1.0079,
0.0000

■ 86.4361, 97.5810,
69.2246

■ 0.0000, 0.0000,
0.0000

■ 111.6232,
125.2998, 92.2022

141.2816,

157.8256, 119.7730

175.7769,
195.5430, 152.3557

■ 14.7848, 17.6404,
8.5869

■ 14.7848, 17.6404,
8.5869

■ 14.1882, 17.3739,
6.7299

■ 15.4650, 17.9422,
10.8523

■ 13.6692, 17.1384,
5.2559

■ 16.2317, 18.2786,
13.5473

■ 13.2230, 16.9327,
4.1383

■ 17.0893, 18.6519,
16.6929

■ 12.8440, 16.7544,
3.3467

■ 18.0415, 19.0638,
20.3086

■ 12.5253, 16.6009,
2.8458

■ 19.0918, 19.5155,
24.4125

■ 12.2762, 16.4791,
2.5338

■ 20.2436, 20.0084,
29.0219

■ 21.4999, 20.5438,
34.1532

■ 22.8638, 21.1229,
39.8221

■ 24.3382, 21.7468,
46.0436

Harmonies

Analogous

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



17.3523, 17.6404, 7.9370



14.7848, 17.6404, 8.5869



12.9441, 17.6404, 11.6920

Triad

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



14.7848, 17.6404, 8.5869



13.8817, 17.6404, 33.7400



22.4423, 17.6404, 20.9136

Complementary

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



14.7848, 17.6404, 8.5869



8.9295, 7.5496, 19.0767

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.



21.2761, 17.6404, 29.4029



14.7848, 17.6404, 8.5869



16.1944, 17.6404, 37.9809

Square

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



14.7848, 17.6404, 8.5869



12.4630, 17.6404, 25.7510



18.9182, 17.6404, 36.2119



21.9620, 17.6404, 13.8784

Rectangle

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



14.7848, 17.6404, 8.5869



12.2835, 17.6404, 15.3181



18.9182, 17.6404, 36.2119



22.2262, 17.6404, 23.7048

Sweetspot

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



14.7852, 17.6412, 8.5873



30.4433, 33.3305, 29.3041



11.7831, 10.0404, 7.2784



6.9256, 7.6057, 6.5692



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



14.7852, 17.6412, 8.5873



25.4132, 31.1136, 12.0728



12.0473, 16.2297, 8.4591



4.2478, 4.6030, 4.2891



13.1474, 17.6549, 2.7148



62.1166, 83.9077, 12.9219

Inverse Universe

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



8.9295, 7.5496, 19.0767



13.3636, 10.3312, 33.6827



11.3560, 8.8006, 19.1903



3.8519, 3.9215, 4.9971



3.9869, 1.6281, 19.4894



18.5330, 7.5161, 92.9437

Previews

White Background



This preview shows how the XYZ color 14.7848, 17.6404, 8.5869 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 14.7848, 17.6404, 8.5869 looks on a black 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

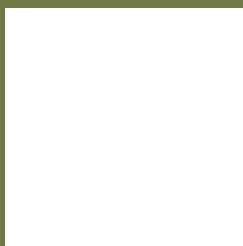
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.7848, 17.6404, 8.5869

Background



This preview shows how black text looks on a background with the XYZ color 14.7848, 17.6404, 8.5869.



This preview shows how white text looks on a background with the XYZ color 14.7848, 17.6404,

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

14.7848, 17.6404, 8.5869

Protanopia

16.0720, 17.4325, 8.1479

Deuteranopia

17.8715, 17.5126, 8.7417



Tritanopia

17.3766, 17.6386, 21.5575

Trichromacy



Original Color

14.7848, 17.6404, 8.5869

Protanomaly

15.6100, 17.5366, 8.3565

Deuteranomaly

16.6605, 17.5546, 8.6412

Tritanomaly

16.2472, 17.5244, 15.8908

Monochromacy



Original Color

14.7848, 17.6404, 8.5869

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.2600, 16.8833, 14.0098

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.7848, 17.6404, 8.5869 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(113, 121, 71)` looks like.

```
.text, #text, p{  
    color:rgb(113, 121, 71)  
}
```

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(113, 121, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 121, 71) }
```

Border

The CSS property to change the border of an element to XYZ 14.7848, 17.6404, 8.5869 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(113, 121, 71) }
```


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

```
.border{ border-color:rgb(113, 121, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 121, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 121, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 121, 71);  
box-shadow:4px 4px 4px 4px rgb(113, 121,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 14.7848, 17.6404, 8.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 121, 71) }
```

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

```
.background{ background-color: rgb(113,  
121, 71) }
```

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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