

Converting Colors

XYZ(17.4616, 16.7023, 24.9013)

Have a look what the booklet for
XYZ(17.4616, 16.7023, 24.9013)
contains.

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Color

**XYZ(17.4868, 16.7950,
24.8744)**

Conversions

Conversions Part 1

Format	Color
Hex	776E86
RGB	119, 110, 134
RGB Percent	47%, 43%, 53%
CMY	0.5333, 0.5686, 0.4745
CMYK	0.11, 0.18, 0.00, 0.47
HSL	262°, 10%, 48%
HSV	262°, 18%, 53%
XYZ	17.4868, 16.7950, 24.8744
YIQ	115.4270, -2.3400, 9.3720

Conversions

Conversions Part 2

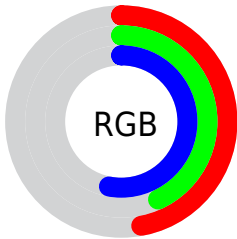
Format	Color
R_{YB}	119, 110, 134
Decimal	7827078
CIE Lab	48.00, 8.51, -11.92
CIE LCh	48, 14.644, 305.537
Yxy	16.7950, 0.2956, 0.2839
Android (android.graphics.Color)	4286017158 (0xFF776E86)
YUV	115.4270, 9.1565, 3.1335
Hunter-Lab	40.9817, 4.4476, -7.2997

Details

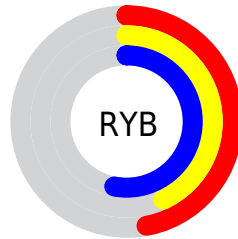
The XYZ color **17.4868, 16.7950, 24.8744** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.7975, 22.5364, 18.0591**, and the grayscale version is **16.3994, 17.2534, 18.7889**.

A 20% lighter version of the original color is **38.6846, 38.0864, 52.3262**, and **5.8486, 5.3874, 9.1191** is the 20% darker color. If you saturate the color by 10%, you get **15.0498, 13.5527, 24.3773**, and if you desaturate by 10%, it is **20.2448, 20.5283, 25.4499**.

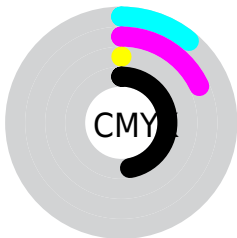
Distribution



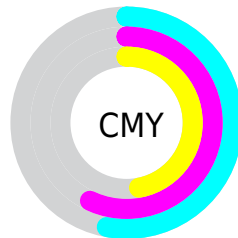
- Red (47%)
- Green (43%)
- Blue (53%)



- Red (47%)
- Yellow (43%)
- Blue (53%)



- Cyan (11%)
- Magenta (18%)
- Yellow (0%)
- Black (47%)



- Cyan (53%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.4868, 16.7950, 24.8744 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 17.4868, 16.7950, 24.8744 by changing the saturation by 10% instead.

■ 17.4868, 16.7950,
24.8744

■ 17.4868, 16.7950,
24.8744

231.0642,
233.9882, 290.6395

■ 10.6796, 10.0884,
15.7653

■ 38.6979, 37.9730,
52.4150

■ 5.9175, 5.4576,
9.2057

■ 53.8324, 53.2132,
71.6836

■ 2.8352, 2.5182,
4.7770

■ 72.4735, 72.0667,
95.1758

■ 1.0672, 0.8857,
2.0606

■ 94.9865, 94.9180,
123.3101

■ 0.0000, 0.0000,
0.5921

121.7367,
122.1514, 156.5051

■ 0.0000, 0.0000,
0.0000

153.0895,

154.1513, 195.1793

189.4102,
191.3021, 239.7512

■ 17.4868, 16.7950,
24.8744

■ 17.4868, 16.7950,
24.8744

■ 15.0498, 13.5527,
24.3773

■ 20.2448, 20.5283,
25.4499

■ 12.9199, 10.7783,
23.9540

■ 23.3339, 24.7700,
26.1058

■ 11.0844, 8.4500,
23.6014

■ 26.7657, 29.5394,
26.8455

■ 9.5289, 6.5436,
23.3154

■ 30.5507, 34.8542,
27.6719

■ 8.2378, 5.0322,
23.0917

■ 34.6991, 40.7310,
28.5876

7.1940, 3.8859,
22.9254

39.2204, 47.1859,
29.5952

6.3777, 3.0703,
22.8110

44.1240, 54.2344,
30.6973

5.7498, 2.5122,
22.7364

49.4187, 61.8912,
31.8961

5.6309, 2.4057,
22.7221

55.1133, 70.1706,
33.1941

Harmonies

Analogous

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



16.2097, 16.7950, 26.5331



17.4868, 16.7950, 24.8744



18.3907, 16.7950, 21.4707

Triad

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



17.4868, 16.7950, 24.8744



17.0392, 16.7950, 12.4281



13.5641, 16.7950, 18.9984

Complementary

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



17.4868, 16.7950, 24.8744



19.7975, 22.5364, 18.0591

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.



13.7592, 16.7950, 15.4345



17.4868, 16.7950, 24.8744



15.7191, 16.7950, 11.9552

Square

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



17.4868, 16.7950, 24.8744



18.1225, 16.7950, 14.3732



14.5307, 16.7950, 12.9791



13.9825, 16.7950, 22.8534

Rectangle

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



17.4868, 16.7950, 24.8744



18.6342, 16.7950, 18.8594



14.5307, 16.7950, 12.9791



13.5604, 16.7950, 17.7261

Sweetspot

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



17.4873, 16.7957, 24.8748



37.1325, 38.1684, 45.1485



18.0930, 19.7547, 25.4140



8.2946, 8.5019, 10.1565



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



17.4873, 16.7957, 24.8748



29.2213, 27.4650, 43.4995



19.2086, 17.6831, 24.9553



4.5873, 4.6233, 5.8514



5.2881, 2.2603, 21.2943



0.0259, 0.0118, 0.0741

Inverse Universe

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



19.1096, 17.7015, 21.8121



32.5887, 29.3464, 37.0876



18.1759, 21.7004, 17.9832



4.7858, 4.7340, 5.4843



10.7094, 5.3481, 8.3080



0.0407, 0.0199, 0.0475

Previews

White Background



This preview shows how the XYZ color 17.4868, 16.7950, 24.8744 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 17.4868, 16.7950, 24.8744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

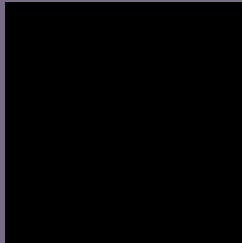
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4868, 16.7950, 24.8744

Background



This preview shows how black text looks on a background with the XYZ color 17.4868, 16.7950, 24.8744.



This preview shows how white text looks on a background with the XYZ color 17.4868, 16.7950,

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

17.4868, 16.7950, 24.8744

Protanopia

16.6557, 16.8390, 25.6650

Deuteranopia

17.0577, 16.7349, 24.8854



Tritanopia

16.5815, 16.7507, 20.4484

Trichromacy



Original Color

17.4868, 16.7950, 24.8744

Protanomaly

16.9774, 16.8483, 25.2789

Deuteranomaly

17.1900, 16.8031, 24.8916

Tritanomaly

16.9215, 16.7268, 22.0754

Monochromacy



Original Color

17.4868, 16.7950, 24.8744

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.6204, 16.9284, 20.8039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4868, 16.7950, 24.8744 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(119, 110, 134)` looks like.

```
.text, #text, p{  
    color:rgb(119, 110, 134)  
}
```

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(119, 110, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 110, 134) }
```

Border

The CSS property to change the border of an element to XYZ 17.4868, 16.7950, 24.8744 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(119, 110, 134) }
```


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

```
.border{ border-color:rgb(119, 110, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 110, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 110, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 110, 134);  
box-shadow:4px 4px 4px 4px rgb(119, 110,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4868, 16.7950, 24.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 110, 134) }
```

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

```
.background{ background-color: rgb(119,  
110, 134) }
```

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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