

Converting Colors

XYZ(16.2686, 15.3681, 19.0465)

Have a look what the booklet for
XYZ(16.2686, 15.3681, 19.0465)
contains.

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Color

**XYZ(16.1872, 15.3226,
18.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	7A6875
RGB	122, 104, 117
RGB Percent	48%, 41%, 46%
CMY	0.5216, 0.5921, 0.5412
CMYK	0.00, 0.15, 0.04, 0.52
HSL	317°, 8%, 44%
HSV	317°, 15%, 48%
XYZ	16.1872, 15.3226, 18.9340
YIQ	110.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

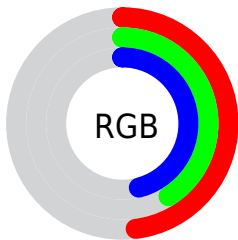
Format	Color
R_{YB}	122, 104, 117
Decimal	8022133
CIE _{Lab}	46.07, 9.59, -4.61
CIE _{LCh}	46, 10.644, 334.334
Yxy	15.3226, 0.3209, 0.3038
Android (android.graphics.Color)	4286212213 (0xFF7A6875)
YUV	110.8640, 3.0250, 9.7663
Hunter-Lab	39.1441, 5.3127, -1.2777

Details

The XYZ color **16.1872, 15.3226, 18.9340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.4293, 17.9666, 17.1235**, and the grayscale version is **15.0606, 15.8449, 17.2551**.

A 20% lighter version of the original color is **36.3383, 35.3059, 42.4356**, and **5.2850, 4.7724, 6.2728** is the 20% darker color. If you saturate the color by 10%, you get **14.8514, 12.9639, 17.5234**, and if you desaturate by 10%, it is **17.7088, 18.0409, 20.4425**.

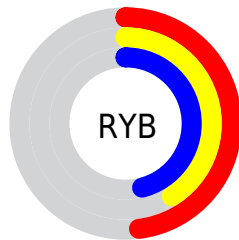
Distribution



Red (48%)

Green (41%)

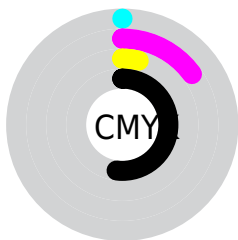
Blue (46%)



Red (48%)

Yellow (41%)

Blue (46%)

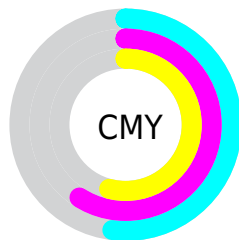


Cyan (0%)

Magenta (15%)

Yellow (4%)

Black (52%)



Cyan (52%)

Magenta (59%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.1872, 15.3226, 18.9340 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 16.1872, 15.3226, 18.9340 by changing the saturation by 10% instead.

■ 16.1872, 15.3226,
18.9340

■ 16.1872, 15.3226,
18.9340

223.6926,
225.3106, 258.4947

■ 9.7484, 9.0461,
11.4463

■ 36.4777, 35.4181,
42.4578

■ 5.2934, 4.7713,
6.2499

■ 51.0601, 50.0060,
59.3309

■ 2.4570, 2.1137,
2.9264

■ 69.0878, 68.1330,
80.1695

■ 0.8736, 0.6723,
1.0572

■ 90.9261, 90.1837,
105.3922

■ 0.0000, 0.0000,
0.0000

116.9404,
116.5424, 135.4176

147.4960,

147.5935, 170.6641

182.9583,
183.7215, 211.5503

■ 16.1872, 15.3226,
18.9340

■ 16.1872, 15.3226,
18.9340

■ 14.8514, 12.9639,
17.5234

■ 17.7088, 18.0409,
20.4425

■ 13.6924, 10.9476,
16.2068

■ 19.4221, 21.1310,
22.0506

■ 12.7024, 9.2581,
14.9814

■ 21.3343, 24.6073,
23.7614

■ 11.8725, 7.8775,
13.8439

■ 23.4519, 28.4825,
25.5774

■ 11.1930, 6.7867,
12.7905

■ 25.7812, 32.7689,
27.5009

10.6530, 5.9642,
11.8174

28.3279, 37.4781,
29.5343

10.2403, 5.3852,
10.9200

31.0979, 42.6215,
31.6799

9.9362, 5.0129,
10.0916

34.0965, 48.2099,
33.9397

9.7920, 4.8440,
9.6750

37.3290, 54.2538,
36.3159

Harmonies

Analogous

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



15.5662, 15.3226, 21.1412



16.1872, 15.3226, 18.9340



16.3665, 15.3226, 16.3103

Triad

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



16.1872, 15.3226, 18.9340



14.4327, 15.3226, 12.1959



13.1750, 15.3226, 19.6518

Complementary

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



16.1872, 15.3226, 18.9340



15.4293, 17.9666, 17.1235

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.



12.8983, 15.3226, 17.0627



16.1872, 15.3226, 18.9340



13.6051, 15.3226, 12.9014

Square

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



16.1872, 15.3226, 18.9340



15.3296, 15.3226, 12.5871



13.0525, 15.3226, 14.6192



13.8237, 15.3226, 21.5848

Rectangle

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



16.1872, 15.3226, 18.9340



16.2055, 15.3226, 14.7154



13.0525, 15.3226, 14.6192



13.0366, 15.3226, 18.8201

Sweetspot

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



16.1876, 15.3233, 18.9343



31.3420, 32.0750, 36.1443



14.7459, 14.5452, 20.4427



7.1247, 7.2592, 8.2244



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.



16.1876, 15.3233, 18.9343



27.5760, 25.3577, 32.3774



15.6943, 15.1259, 16.3364



4.1092, 4.0594, 4.7729



10.3058, 5.0985, 10.1671



48.7846, 24.1702, 46.5231

Inverse Universe

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



16.1876, 15.3233, 18.9343



27.5760, 25.3577, 32.3774



15.9271, 18.1656, 19.7445



4.1092, 4.0594, 4.7729



10.3058, 5.0985, 10.1671



48.7846, 24.1702, 46.5231

Previews

White Background



This preview shows how the XYZ color 16.1872, 15.3226, 18.9340 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 16.1872, 15.3226, 18.9340 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 16.1872, 15.3226, 18.9340

Background



This preview shows how black text looks on a background with the XYZ color 16.1872, 15.3226, 18.9340.



This preview shows how white text looks on a background with the XYZ color 16.1872, 15.3226,

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

16.1872, 15.3226, 18.9340

Protanopia

14.9371, 15.2693, 19.9293

Deuteranopia

15.5674, 15.3054, 18.9634



Tritanopia

15.9174, 15.3604, 17.7487

Trichromacy



Original Color

16.1872, 15.3226, 18.9340

Protanomaly

15.3975, 15.3580, 19.6056

Deuteranomaly

15.7337, 15.2391, 18.9418

Tritanomaly

15.9740, 15.3830, 18.0469

Monochromacy



Original Color

16.1872, 15.3226, 18.9340

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.4134, 15.5622, 17.8142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.1872, 15.3226, 18.9340 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(122, 104, 117)` looks like.

```
.text, #text, p{  
    color:rgb(122, 104, 117)  
}
```

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(122, 104, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 104, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.1872, 15.3226, 18.9340 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(122, 104, 117) }
```


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

```
.border{ border-color:rgb(122, 104, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 104, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 104, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 104, 117);  
box-shadow:4px 4px 4px 4px rgb(122, 104,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.1872, 15.3226, 18.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 104, 117) }
```

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

```
.background{ background-color: rgb(122,  
104, 117) }
```

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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