

Converting Colors

XYZ(16.4097, 16.2628, 19.2541)

Have a look what the booklet for
XYZ(16.4097, 16.2628, 19.2541)
contains.

XYZ(16.2873, 16.1436, 19.0872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(16.2873, 16.1436,
19.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	776D75
RGB	119, 109, 117
RGB Percent	47%, 43%, 46%
CMY	0.5333, 0.5725, 0.5412
CMYK	0.00, 0.08, 0.02, 0.53
HSL	312°, 4%, 45%
HSV	312°, 8%, 47%
XYZ	16.2873, 16.1436, 19.0872
YIQ	112.9020, 3.3920, 4.6080

Conversions

Conversions Part 2

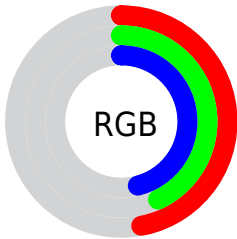
Format	Color
R_{YB}	119, 109, 117
Decimal	7826805
CIE Lab	47.16, 5.47, -3.03
CIE LCh	47, 6.253, 330.992
Yxy	16.1436, 0.3161, 0.3134
Android (android.graphics.Color)	4286016885 (0xFF776D75)
YUV	112.9020, 2.0203, 5.3479
Hunter-Lab	40.1791, 2.0447, -0.0405

Details

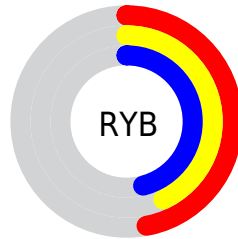
The XYZ color **16.2873, 16.1436, 19.0872** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7734, 17.5930, 17.6043**, and the grayscale version is **15.6609, 16.4765, 17.9429**.

A 20% lighter version of the original color is **36.5268, 36.6641, 42.6878**, and **5.3953, 5.2145, 6.3524** is the 20% darker color. If you saturate the color by 10%, you get **14.9648, 13.7195, 17.9646**, and if you desaturate by 10%, it is **17.7862, 18.9143, 20.2865**.

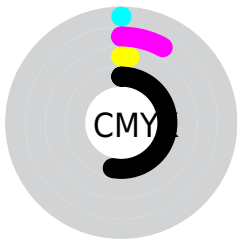
Distribution



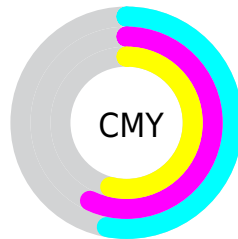
- Red (47%)
- Green (43%)
- Blue (46%)



- Red (47%)
- Yellow (43%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2873, 16.1436, 19.0872 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 16.2873, 16.1436, 19.0872 by changing the saturation by 10% instead.

■ 16.2873, 16.1436,
19.0872

■ 16.2873, 16.1436,
19.0872

224.2683,
230.1876, 259.3685

■ 9.8198, 9.6258,
11.5559

■ 36.6497, 36.8473,
42.7201

■ 5.3410, 5.1516,
6.3232

■ 51.2753, 51.8021,
59.6586

■ 2.4855, 2.3365,
2.9706

■ 69.3510, 70.3379,
80.5701

■ 0.8879, 0.7929,
1.0797

■ 91.2422, 92.8393,
105.8728

■ 0.0000, 0.0000,
0.0000

117.3141,
119.6905, 135.9855

147.9322,

151.2760, 171.3267

183.4618,
187.9803, 212.3148

■ 16.2873, 16.1436,
19.0872

■ 16.2873, 16.1436,
19.0872

■ 14.9648, 13.7195,
17.9646

■ 17.7862, 18.9143,
20.2865

■ 13.8103, 11.6262,
16.9154

■ 19.4666, 22.0425,
21.5638

■ 12.8171, 9.8497,
15.9371

■ 21.3351, 25.5411,
22.9217

■ 11.9772, 8.3743,
15.0272

■ 23.3976, 29.4219,
24.3621

■ 11.2821, 7.1828,
14.1825

■ 25.6597, 33.6960,
25.8872

■ 10.7223, 6.2565,
13.3999

■ 28.1268, 38.3741,
27.4987

■ 10.2872, 5.5743,
12.6757

■ 30.8041, 43.4667,
29.1987

■ 9.9647, 5.1118,
12.0055

■ 33.6965, 48.9836,
30.9887

■ 9.7203, 4.8000,
11.3780

■ 36.8088, 54.9344,
32.8707

Harmonies

Analogous

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



15.8949, 16.1436, 20.3031



16.2873, 16.1436, 19.0872



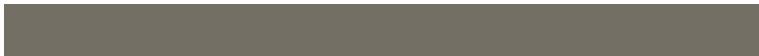
16.4255, 16.1436, 17.5253

Triad

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



16.2873, 16.1436, 19.0872



15.3257, 16.1436, 14.7207



14.4554, 16.1436, 19.1832

Complementary

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



16.2873, 16.1436, 19.0872



15.7734, 17.5930, 17.6043

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.



14.3110, 16.1436, 17.6301



16.2873, 16.1436, 19.0872



14.8060, 16.1436, 15.1077

Square

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



16.2873, 16.1436, 19.0872



15.8624, 16.1436, 15.0604



14.4379, 16.1436, 16.1498



14.8370, 16.1436, 20.3608

Rectangle

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



16.2873, 16.1436, 19.0872



16.3524, 16.1436, 16.5151



14.4379, 16.1436, 16.1498



14.3780, 16.1436, 18.6848

Sweetspot

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



16.2878, 16.1443, 19.0875



30.5555, 31.4725, 35.3061



15.3547, 15.6495, 19.6644



7.1955, 7.3739, 8.3305



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.



16.2878, 16.1443, 19.0875



28.7042, 28.0592, 33.7973



16.0016, 16.0298, 17.5806



3.7967, 3.7460, 4.4565



10.2833, 5.0470, 11.9658



49.8027, 24.4712, 56.6837

Inverse Universe

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



16.2878, 16.1443, 19.0875



28.7042, 28.0592, 33.7973



16.0565, 17.7063, 19.0949



3.7967, 3.7460, 4.4565



10.2833, 5.0470, 11.9658



49.8027, 24.4712, 56.6837

Previews

White Background



This preview shows how the XYZ color 16.2873, 16.1436, 19.0872 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 16.2873, 16.1436, 19.0872 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 16.2873, 16.1436, 19.0872

Background



This preview shows how black text looks on a background with the XYZ color 16.2873, 16.1436, 19.0872.



This preview shows how white text looks on a background with the XYZ color 16.2873, 16.1436,

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

16.2873, 16.1436, 19.0872

Protanopia

15.6365, 16.1216, 19.4272

Deuteranopia

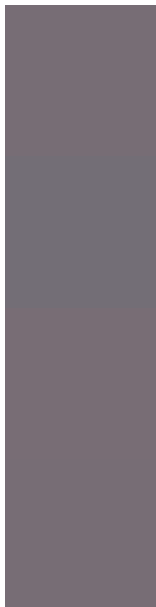
16.4253, 16.2147, 19.0937



Tritanopia

16.2873, 16.1436, 19.0872

Trichromacy



Original Color

16.2873, 16.1436, 19.0872

Protanomaly

15.9162, 16.1047, 19.4092

Deuteranomaly

16.4253, 16.2147, 19.0937

Tritanomaly

16.2873, 16.1436, 19.0872

Monochromacy



Original Color

16.2873, 16.1436, 19.0872

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.9017, 16.4481, 18.2563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2873, 16.1436, 19.0872 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, 109, 117)` looks like.

```
.text, #text, p{  
    color:rgb(119, 109, 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(119, 109, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 109, 117) }
```

Border

The CSS property to change the border of an element to XYZ 16.2873, 16.1436, 19.0872 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, 109, 117) }
```


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

```
.border{ border-color:rgb(119, 109, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 109, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 109, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 109, 117);  
box-shadow:4px 4px 4px 4px rgb(119, 109,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2873, 16.1436, 19.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 109, 117) }
```

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

```
.background{ background-color: rgb(119,  
109, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor