

Converting Colors

XYZ(17.6681, 15.7369, 15.9618)

Have a look what the booklet for
XYZ(17.6681, 15.7369, 15.9618)
contains.

XYZ(17.6241, 15.6873, 16.0090)	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(17.6241, 15.6873,
16.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	89656B
RGB	137, 101, 107
RGB Percent	54%, 40%, 42%
CMY	0.4627, 0.6039, 0.5804
CMYK	0.00, 0.26, 0.22, 0.46
HSL	350°, 15%, 47%
HSV	350°, 26%, 54%
XYZ	17.6241, 15.6873, 16.0090
YIQ	112.4480, 19.5300, 9.4980

Conversions

Conversions Part 2

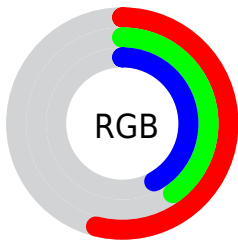
Format	Color
R_{YB}	137, 101, 107
Decimal	9004395
CIE Lab	46.56, 15.46, 2.31
CIE LCh	47, 15.628, 8.482
Yxy	15.6873, 0.3573, 0.3181
Android (android.graphics.Color)	4287194475 (0xFF89656B)
YUV	112.4480, -2.6859, 21.5321
Hunter-Lab	39.6072, 10.1149, 3.7604

Details

The XYZ color **17.6241, 15.6873, 16.0090** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.4099, 22.2972, 24.8074**, and the grayscale version is **15.5369, 16.3460, 17.8008**.

A 20% lighter version of the original color is **38.8856, 36.0015, 37.2472**, and **5.9725, 4.9430, 4.9143** is the 20% darker color. If you saturate the color by 10%, you get **15.8416, 13.0209, 12.6443**, and if you desaturate by 10%, it is **19.7086, 18.8304, 19.8661**.

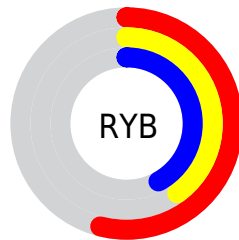
Distribution



Red (54%)

Green (40%)

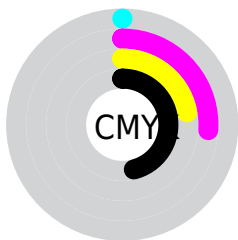
Blue (42%)



Red (54%)

Yellow (40%)

Blue (42%)

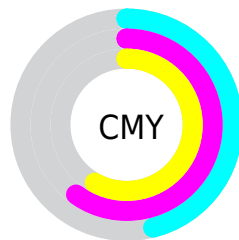


Cyan (0%)

Magenta (26%)

Yellow (22%)

Black (46%)



Cyan (46%)

Magenta (60%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.6241, 15.6873, 16.0090 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 17.6241, 15.6873, 16.0090 by changing the saturation by 10% instead.

■ 17.6241, 15.6873,
16.0090

■ 17.6241, 15.6873,
16.0090

231.8305,
227.4894, 241.2423

■ 10.7785, 9.3032,
9.3761

■ 38.9309, 36.0545,
37.3808

■ 5.9843, 4.9394,
4.8872

■ 54.1228, 50.8063,
52.9569

■ 2.8761, 2.2118,
2.1236

■ 72.8275, 69.1162,
72.3510

■ 1.0886, 0.7264,
0.6298

■ 95.4103, 91.3684,
95.9818

■ 0.0155, 0.0000,
0.0000

122.2367,
117.9475, 124.2678

■ 0.0000, 0.0000,
0.0000

153.6719,

149.2377, 157.6275

190.0814,
185.6236, 196.4795

■ 17.6241, 15.6873,
16.0090

■ 17.6241, 15.6873,
16.0090

■ 15.8416, 13.0209,
12.6443

■ 19.7086, 18.8304,
19.8661

■ 14.3457, 10.8059,
9.7512

■ 22.1068, 22.4696,
24.2333

■ 13.1217, 9.0177,
7.3086

■ 24.8317, 26.6259,
29.1289

■ 12.1528, 7.6288,
5.2937

■ 27.8948, 31.3186,
34.5696

■ 11.4206, 6.6083,
3.6814

■ 31.3074, 36.5657,
40.5718

■ 10.9041, 5.9207,
2.4440

■ 35.0799, 42.3847,
47.1508

■ 10.5707, 5.5087,
1.5478

■ 39.2226, 48.7919,
54.3215

■ 10.4695, 5.3796,
1.2880

■ 43.7451, 55.8034,
62.0983

■ 48.6569, 63.4345,
70.4950

Harmonies

Analogous

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



17.4543, 15.6873, 19.9513



17.6241, 15.6873, 16.0090



17.0331, 15.6873, 12.8649

Triad

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



17.6241, 15.6873, 16.0090



13.3546, 15.6873, 11.9032



13.9795, 15.6873, 24.9605

Complementary

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



17.6241, 15.6873, 16.0090



18.4099, 22.2972, 24.8074

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.



12.9717, 15.6873, 22.1297



17.6241, 15.6873, 16.0090



12.6263, 15.6873, 14.4997

Square

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



17.6241, 15.6873, 16.0090



14.5312, 15.6873, 10.7397



12.4905, 15.6873, 18.1994



15.2959, 15.6873, 25.5265

Rectangle

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



17.6241, 15.6873, 16.0090



16.3070, 15.6873, 11.5013



12.4905, 15.6873, 18.1994



13.5957, 15.6873, 24.2237

Sweetspot

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



17.6245, 15.6880, 16.0093



38.7279, 38.9292, 41.8381



18.5297, 15.9396, 25.7672



8.5522, 8.5276, 9.1404



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



17.6245, 15.6880, 16.0093



29.4484, 24.9274, 24.6953



18.5712, 18.0689, 14.8217



5.0647, 5.0613, 5.4291



9.7555, 5.0123, 1.2170



0.0685, 0.0348, 0.0275

Inverse Universe

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



17.6245, 15.6880, 16.0093



29.4484, 24.9274, 24.6953



17.2164, 19.2407, 26.4735



5.0647, 5.0613, 5.4291



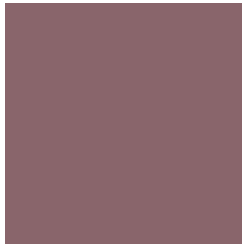
9.7555, 5.0123, 1.2170



0.0685, 0.0348, 0.0275

Previews

White Background



This preview shows how the XYZ color 17.6241, 15.6873, 16.0090 looks on a white background.

Color Contrast Check

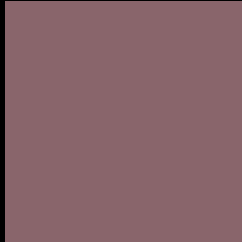
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.6241, 15.6873, 16.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

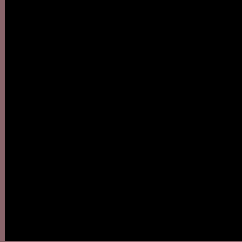
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.6241, 15.6873, 16.0090

Background



This preview shows how black text looks on a background with the XYZ color 17.6241, 15.6873, 16.0090.



This preview shows how white text looks on a background with the XYZ color 17.6241, 15.6873,

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

17.6241, 15.6873, 16.0090

Protanopia

15.1827, 15.7665, 17.5723

Deuteranopia

16.0276, 15.7670, 15.8342



Tritanopia

17.7305, 15.7299, 16.5697

Trichromacy



Original Color

17.6241, 15.6873, 16.0090

Protanomaly

15.9573, 15.7061, 16.9424

Deuteranomaly

16.5552, 15.7330, 15.7999

Tritanomaly

17.6770, 15.7084, 16.2877

Monochromacy



Original Color

17.6241, 15.6873, 16.0090

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.0622, 15.9159, 16.9774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.6241, 15.6873, 16.0090 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(137, 101, 107)` looks like.

```
.text, #text, p{  
    color:rgb(137, 101, 107)  
}
```

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(137, 101, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 101, 107) }
```

Border

The CSS property to change the border of an element to XYZ 17.6241, 15.6873, 16.0090 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(137, 101, 107) }
```


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

```
.border{ border-color:rgb(137, 101, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 101, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 101, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 101, 107);  
box-shadow:4px 4px 4px 4px rgb(137, 101,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 17.6241, 15.6873, 16.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 101, 107) }
```

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

```
.background{ background-color: rgb(137,  
101, 107) }
```

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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