

Converting Colors

XYZ(18.4520, 15.8018, 16.6206)

Have a look what the booklet for
XYZ(18.4520, 15.8018, 16.6206)
contains.

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Color

**XYZ(18.3775, 15.7786,
16.5450)**

Conversions

Conversions Part 1

Format	Color
Hex	8E636D
RGB	142, 99, 109
RGB Percent	56%, 39%, 43%
CMY	0.4431, 0.6118, 0.5725
CMYK	0.00, 0.30, 0.23, 0.44
HSL	346°, 18%, 47%
HSV	346°, 30%, 56%
XYZ	18.3775, 15.7786, 16.5450
YIQ	112.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

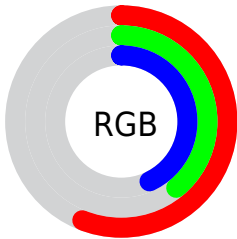
Format	Color
R _{YB}	142, 99, 109
Decimal	9331565
CIE _{Lab}	46.68, 18.94, 1.35
CIE _{LCh}	47, 18.989, 4.073
Yxy	15.7786, 0.3625, 0.3112
Android (android.graphics.Color)	4287521645 (0xFF8E636D)
YUV	112.9970, -1.9705, 25.4356
Hunter-Lab	39.7223, 13.0690, 3.1103

Details

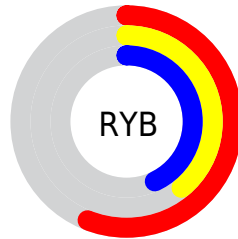
The XYZ color **18.3775, 15.7786, 16.5450** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.9841, 23.6650, 25.3982**, and the grayscale version is **15.6965, 16.5140, 17.9837**.

A 20% lighter version of the original color is **40.0165, 36.0865, 38.1140**, and **6.4119, 5.0279, 5.1900** is the 20% darker color. If you saturate the color by 10%, you get **16.5979, 13.1007, 13.2345**, and if you desaturate by 10%, it is **20.4673, 18.9602, 20.3182**.

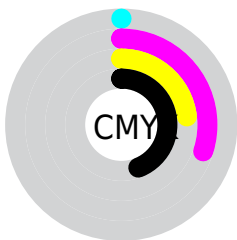
Distribution



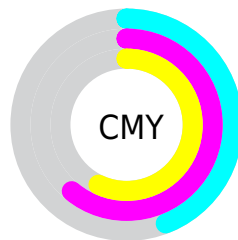
- Red (56%)
- Green (39%)
- Blue (43%)



- Red (56%)
- Yellow (39%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (44%)



- Cyan (44%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.3775, 15.7786, 16.5450 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 18.3775, 15.7786, 16.5450 by changing the saturation by 10% instead.

■ 18.3775, 15.7786,
16.5450

■ 18.3775, 15.7786,
16.5450

235.9949,
228.0317, 244.4911

■ 11.3227, 9.3676,
9.7521

■ 40.2046, 36.2134,
38.3217

■ 6.3532, 4.9817,
5.1315

■ 55.7076, 51.0060,
54.1425

■ 3.1037, 2.2365,
2.2645

■ 74.7573, 69.3613,
73.8098

■ 1.2088, 0.7398,
0.7112

■ 97.7192, 91.6637,
97.7420

■ 0.1133, 0.0000,
0.0000

124.9585,
118.2975, 126.3577

■ 0.0000, 0.0000,
0.0000

156.8407,

149.6472, 160.0754

193.7311,
186.0971, 199.3137

■ 18.3775, 15.7786,
16.5450

■ 18.3775, 15.7786,
16.5450

■ 16.5979, 13.1007,
13.2345

■ 20.4673, 18.9602,
20.3182

■ 15.1121, 10.8985,
10.3677

■ 22.8800, 22.6673,
24.5702

■ 13.9044, 9.1445,
7.9255

■ 25.6292, 26.9230,
29.3175

■ 12.9566, 7.8076,
5.8872

■ 28.7273, 31.7485,
34.5756

■ 12.2486, 6.8526,
4.2301

■ 32.1859, 37.1638,
40.3592

■ 11.7571, 6.2386,
2.9292

■ 36.0164, 43.1878,
46.6824

■ 11.4301, 5.8607,
1.9688

■ 40.2295, 49.8389,
53.5589

■ 44.8354, 57.1344,
61.0018

■ 49.8439, 65.0910,
69.0236

Harmonies

Analogous

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



18.0245, 15.7786, 21.4517



18.3775, 15.7786, 16.5450



17.7718, 15.7786, 12.5896

Triad

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



18.3775, 15.7786, 16.5450



13.2944, 15.7786, 10.7177



13.6566, 15.7786, 26.6796

Complementary

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



18.3775, 15.7786, 16.5450



18.9841, 23.6650, 25.3982

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.



12.5274, 15.7786, 22.7697



18.3775, 15.7786, 16.5450



12.3292, 15.7786, 13.5171

Square

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



18.3775, 15.7786, 16.5450



14.7736, 15.7786, 9.6377



12.0589, 15.7786, 17.8315



15.2228, 15.7786, 27.8891

Rectangle

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



18.3775, 15.7786, 16.5450



16.9300, 15.7786, 10.8409



12.0589, 15.7786, 17.8315



13.2172, 15.7786, 25.6063

Sweetspot

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



18.3779, 15.7793, 16.5453



40.8470, 40.7435, 44.1985



18.8554, 15.7803, 27.6434



8.9907, 8.8956, 9.6409



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



18.3779, 15.7793, 16.5453



30.3164, 24.6713, 25.3081



19.0344, 17.9052, 14.2581



5.4571, 5.4434, 5.9050



10.2688, 5.2645, 1.8007



0.1055, 0.0533, 0.0558

Inverse Universe

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



18.3779, 15.7793, 16.5453



30.3164, 24.6713, 25.3081



18.0824, 20.7137, 28.6364



5.4571, 5.4434, 5.9050



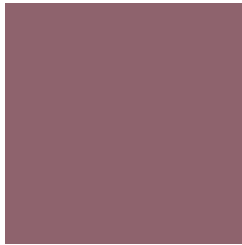
10.2688, 5.2645, 1.8007



0.1055, 0.0533, 0.0558

Previews

White Background



This preview shows how the XYZ color 18.3775, 15.7786, 16.5450 looks on a white background.

Color Contrast Check

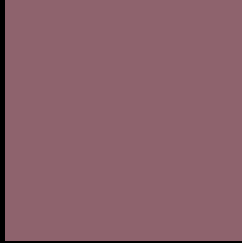
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3775, 15.7786, 16.5450 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 18.3775, 15.7786, 16.5450

Background



This preview shows how black text looks on a background with the XYZ color 18.3775, 15.7786, 16.5450.



This preview shows how white text looks on a background with the XYZ color 18.3775, 15.7786,

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

18.3775, 15.7786, 16.5450

Protanopia

15.4104, 15.8576, 18.7716

Deuteranopia

16.0799, 15.7879, 16.1098



Tritanopia

18.2710, 15.7360, 15.9843

Trichromacy



Original Color

18.3775, 15.7786, 16.5450

Protanomaly

16.3030, 15.7113, 17.7961

Deuteranomaly

16.8630, 15.7292, 16.3346

Tritanomaly

18.3239, 15.7572, 16.2630

Monochromacy



Original Color

18.3775, 15.7786, 16.5450

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.5994, 16.1801, 17.5774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.3775, 15.7786, 16.5450 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(142, 99, 109)` looks like.

```
.text, #text, p{  
    color:rgb(142, 99, 109)  
}
```

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(142, 99, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 99, 109) }
```

Border

The CSS property to change the border of an element to XYZ 18.3775, 15.7786, 16.5450 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(142, 99, 109) }
```


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

```
.border{ border-color:rgb(142, 99, 109) }
```

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

Here you see how a box with a 4 pixel rgb(142, 99, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 99, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 99, 109);  
box-shadow:4px 4px 4px 4px rgb(142, 99,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 18.3775, 15.7786, 16.5450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 99, 109) }
```

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

```
.background{ background-color: rgb(142, 99,  
109) }
```

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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