

Converting Colors

XYZ(17.8951, 15.3381, 18.8470)

Have a look what the booklet for
XYZ(17.8951, 15.3381, 18.8470)
contains.

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Color

**XYZ(17.8951, 15.3381,
18.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	896275
RGB	137, 98, 117
RGB Percent	54%, 38%, 46%
CMY	0.4627, 0.6157, 0.5412
CMYK	0.00, 0.28, 0.15, 0.46
HSL	331°, 17%, 46%
HSV	331°, 28%, 54%
XYZ	17.8951, 15.3381, 18.8470
YIQ	111.8270, 17.1450, 14.1770

Conversions

Conversions Part 2

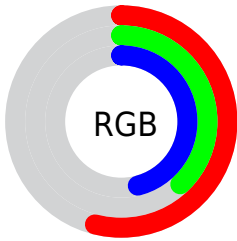
Format	Color
R_{YB}	137, 98, 117
Decimal	9003637
CIE Lab	46.09, 18.93, -4.40
CIE LCh	46, 19.432, 346.904
Yxy	15.3381, 0.3436, 0.2945
Android (android.graphics.Color)	4287193717 (0xFF896275)
YUV	111.8270, 2.5503, 22.0767
Hunter-Lab	39.1639, 13.0250, -1.1177

Details

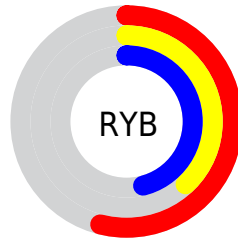
The XYZ color **17.8951, 15.3381, 18.8470** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.2533, 21.7964, 20.4384**, and the grayscale version is **15.3400, 16.1389, 17.5753**.

A 20% lighter version of the original color is **39.3947, 35.4358, 42.2996**, and **6.0958, 4.7758, 6.2308** is the 20% darker color. If you saturate the color by 10%, you get **16.3236, 12.8315, 16.3610**, and if you desaturate by 10%, it is **19.7179, 18.2973, 21.5702**.

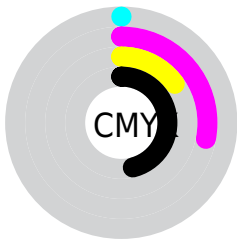
Distribution



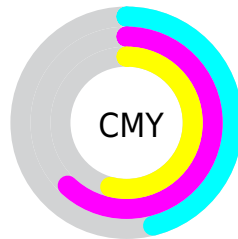
- Red (54%)
- Green (38%)
- Blue (46%)



- Red (54%)
- Yellow (38%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (15%)
- Black (46%)



- Cyan (46%)
- Magenta (62%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8951, 15.3381, 18.8470 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 17.8951, 15.3381, 18.8470 by changing the saturation by 10% instead.

■ 17.8951, 15.3381,
18.8470

■ 17.8951, 15.3381,
18.8470

233.3361,
225.4036, 257.9973

■ 10.9739, 9.0570,
11.3841

■ 39.3900, 35.4452,
42.3087

■ 6.1165, 4.7784,
6.2084

■ 54.6944, 50.0401,
59.1445

■ 2.9574, 2.1178,
2.9014

■ 73.5240, 68.1749,
79.9417

■ 1.1313, 0.6746,
1.0445

■ 96.2440, 90.2342,
105.1188

■ 0.0510, 0.0000,
0.0000

123.2199,
116.6023, 135.0944

■ 0.0000, 0.0000,
0.0000

154.8170,

147.6637, 170.2870

191.4006,
183.8027, 211.1151

■ 17.8951, 15.3381,
18.8470

■ 17.8951, 15.3381,
18.8470

■ 16.3236, 12.8315,
16.3610

■ 19.7179, 18.2973,
21.5702

■ 14.9903, 10.7528,
14.1038

■ 21.8017, 21.7282,
24.5364

■ 13.8827, 9.0782,
12.0681

■ 24.1574, 25.6509,
27.7527

■ 12.9867, 7.7805,
10.2457

■ 26.7947, 30.0842,
31.2252

■ 12.2865, 6.8292,
8.6273

■ 29.7228, 35.0457,
34.9601

■ 11.7637, 6.1890,
7.2032

■ 32.9507, 40.5519,
38.9632

■ 11.3773, 5.7792,
5.9556

■ 36.4868, 46.6191,
43.2401

■ 11.3219, 5.7205,
5.7767

■ 40.3392, 53.2625,
47.7963

■ 44.5157, 60.4969,
52.6370

Harmonies

Analogous

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



17.0222, 15.3381, 23.7162



17.8951, 15.3381, 18.8470



17.8325, 15.3381, 14.1933

Triad

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



17.8951, 15.3381, 18.8470



13.6744, 15.3381, 9.4231



12.5147, 15.3381, 24.2603

Complementary

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



17.8951, 15.3381, 18.8470



17.2533, 21.7964, 20.4384

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.



11.7464, 15.3381, 19.4870



17.8951, 15.3381, 18.8470



12.3804, 15.3381, 11.2260

Square

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



17.8951, 15.3381, 18.8470



15.3098, 15.3381, 9.3166



11.6991, 15.3381, 14.7237



13.8707, 15.3381, 27.2164

Rectangle

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



17.8951, 15.3381, 18.8470



17.2679, 15.3381, 11.8133



11.6991, 15.3381, 14.7237



12.1838, 15.3381, 22.7783

Sweetspot

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



17.8955, 15.3388, 18.8473



38.7526, 38.4306, 43.5351



16.2872, 14.3590, 25.5802



8.5798, 8.4343, 9.6075



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.



17.8955, 15.3388, 18.8473



30.2271, 24.5548, 30.9046



16.8894, 14.9363, 13.5490



5.1277, 5.0865, 5.7612



10.5523, 5.3310, 5.4126



0.0775, 0.0384, 0.0747

Inverse Universe

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



17.8955, 15.3388, 18.8473



30.2271, 24.5548, 30.9046



18.4985, 22.2945, 26.9954



5.1277, 5.0865, 5.7612



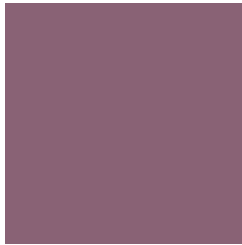
10.5523, 5.3310, 5.4126



0.0775, 0.0384, 0.0747

Previews

White Background



This preview shows how the XYZ color 17.8951, 15.3381, 18.8470 looks on a white background.

Color Contrast Check

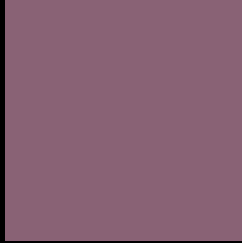
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8951, 15.3381, 18.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

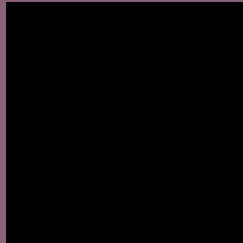
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8951, 15.3381, 18.8470

Background



This preview shows how black text looks on a background with the XYZ color 17.8951, 15.3381, 18.8470.



This preview shows how white text looks on a background with the XYZ color 17.8951, 15.3381,

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

17.8951, 15.3381, 18.8470

Protanopia

15.1701, 15.5183, 21.2646

Deuteranopia

15.5847, 15.3278, 18.3568



Tritanopia

17.3644, 15.4101, 15.9692

Trichromacy



Original Color

17.8951, 15.3381, 18.8470

Protanomaly

15.9740, 15.3352, 20.2072

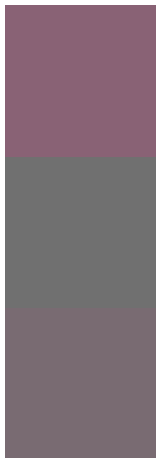
Deuteranomaly

16.3148, 15.2465, 18.6060

Tritanomaly

17.4844, 15.3056, 17.0717

Monochromacy



Original Color

17.8951, 15.3381, 18.8470

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1801, 15.7952, 18.1156

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8951, 15.3381, 18.8470 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, 98, 117)` looks like.

```
.text, #text, p{  
    color:rgb(137, 98, 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(137, 98, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 98, 117) }
```

Border

The CSS property to change the border of an element to XYZ 17.8951, 15.3381, 18.8470 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, 98, 117) }
```


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

```
.border{ border-color:rgb(137, 98, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 98, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 98, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 98, 117); box-shadow:4px 4px 4px 4px rgb(137, 98, 117) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8951, 15.3381, 18.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 98, 117) }
```

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

```
.background{ background-color: rgb(137, 98,  
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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