

Converting Colors

XYZ(17.8460, 16.3575, 15.1826)

Have a look what the booklet for
XYZ(17.8460, 16.3575, 15.1826)
contains.

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Color

**XYZ(17.8668, 16.4210,
15.3246)**

Conversions

Conversions Part 1

Format	Color
Hex	896968
RGB	137, 105, 104
RGB Percent	54%, 41%, 41%
CMY	0.4627, 0.5882, 0.5922
CMYK	0.00, 0.23, 0.24, 0.46
HSL	2°, 14%, 47%
HSV	2°, 24%, 54%
XYZ	17.8668, 16.4210, 15.3246
YIQ	114.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

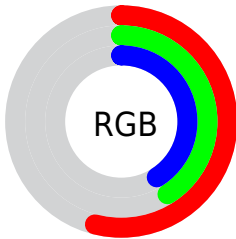
Format	Color
R_{YB}	137, 105, 104
Decimal	9005416
CIE Lab	47.52, 12.62, 5.49
CIE LCh	48, 13.761, 23.500
Yxy	16.4210, 0.3601, 0.3310
Android (android.graphics.Color)	4287195496 (0xFF896968)
YUV	114.4540, -5.1538, 19.7728
Hunter-Lab	40.5228, 7.7869, 5.9442

Details

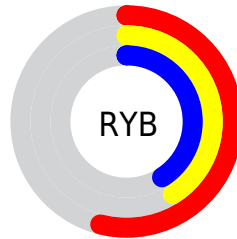
The XYZ color **17.8668, 16.4210, 15.3246** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.0282, 22.3569, 26.9794**, and the grayscale version is **16.1420, 16.9826, 18.4941**.

A 20% lighter version of the original color is **39.2907, 37.2199, 36.1237**, and **6.0893, 5.3000, 4.5729** is the 20% darker color. If you saturate the color by 10%, you get **15.9778, 13.6675, 11.5361**, and if you desaturate by 10%, it is **20.0812, 19.6439, 19.7798**.

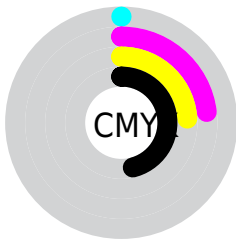
Distribution



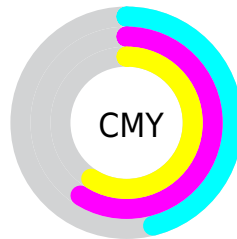
- Red (54%)
- Green (41%)
- Blue (41%)



- Red (54%)
- Yellow (41%)
- Blue (41%)



- Cyan (0%)
- Magenta (23%)
- Yellow (24%)
- Black (46%)



- Cyan (46%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.8668, 16.4210, 15.3246 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 17.8668, 16.4210, 15.3246 by changing the saturation by 10% instead.

■ 17.8668, 16.4210,
15.3246

■ 17.8668, 16.4210,
15.3246

233.1793,
231.8133, 237.0307

■ 10.9535, 9.8226,
8.8984

■ 39.3421, 37.3276,
36.1719

■ 6.1026, 5.2815,
4.5790

■ 54.6348, 52.4044,
51.4301

■ 2.9488, 2.4133,
1.9481

■ 73.4514, 71.0763,
70.4694

■ 1.1268, 0.8327,
0.5231

■ 96.1571, 93.7274,
93.7083

■ 0.0473, 0.0000,
0.0000

123.1174,
120.7423, 121.5653

■ 0.0000, 0.0000,
0.0000

154.6977,

152.5053, 154.4590

191.2632,
189.4009, 192.8080

■ 17.8668, 16.4210,
15.3246

■ 17.8668, 16.4210,
15.3246

■ 15.9778, 13.6675,
11.5361

■ 20.0812, 19.6439,
19.7798

■ 14.3975, 11.3595,
8.3813

■ 22.6338, 23.3544,
24.9304

■ 13.1101, 9.4743,
5.8258

■ 25.5384, 27.5723,
30.8049

■ 12.0973, 7.9861,
3.8319

■ 28.8078, 32.3157,
37.4296

■ 11.3394, 6.8667,
2.3571

■ 32.4540, 37.6018,
44.8298

■ 10.8136, 6.0838,
1.3534

■ 36.4884, 43.4472,
53.0295

■ 10.4926, 5.5995,
0.7604

■ 40.9221, 49.8674,
62.0515

■ 10.3618, 5.4088,
0.4979

■ 45.7656, 56.8776,
71.9179

■ 51.0290, 64.4924,
82.6499

Harmonies

Analogous

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



18.0646, 16.4210, 18.6535



17.8668, 16.4210, 15.3246



17.0497, 16.4210, 12.9907

Triad

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



17.8668, 16.4210, 15.3246



13.7913, 16.4210, 14.1629



15.3428, 16.4210, 25.4469

Complementary

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



17.8668, 16.4210, 15.3246



19.0282, 22.3569, 26.9794

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.



14.2493, 16.4210, 23.8631



17.8668, 16.4210, 15.3246



13.3843, 16.4210, 17.1275

Square

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



17.8668, 16.4210, 15.3246



14.6880, 16.4210, 12.3838



13.5475, 16.4210, 20.7041



16.5650, 16.4210, 24.8000

Rectangle

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



17.8668, 16.4210, 15.3246



16.2856, 16.4210, 12.1648



13.5475, 16.4210, 20.7041



14.9488, 16.4210, 25.1517

Sweetspot

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



17.8672, 16.4218, 15.3249



39.0647, 39.6901, 41.6808



19.7430, 17.0096, 25.7033



8.7130, 8.8311, 9.2500



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.



17.8672, 16.4218, 15.3249



30.0480, 26.5684, 23.5328



19.6588, 20.0049, 15.9221



5.0443, 5.0714, 5.2654



9.6536, 5.0415, 0.4643



0.0655, 0.0363, 0.0035

Inverse Universe

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



19.0282, 22.3569, 26.9794



32.5069, 39.1417, 48.2250



16.9349, 18.1703, 26.2817



5.1600, 5.6630, 6.4269



11.9999, 17.2701, 24.7467



0.0816, 0.1185, 0.1650

Previews

White Background



This preview shows how the XYZ color 17.8668, 16.4210, 15.3246 looks on a white background.

Color Contrast Check

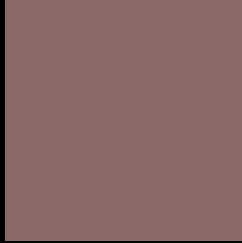
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8668, 16.4210, 15.3246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

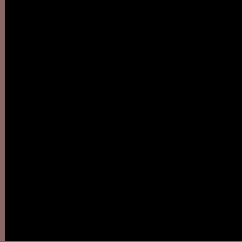
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8668, 16.4210, 15.3246

Background



This preview shows how black text looks on a background with the XYZ color 17.8668, 16.4210, 15.3246.



This preview shows how white text looks on a background with the XYZ color 17.8668, 16.4210,

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

17.8668, 16.4210, 15.3246

Protanopia

15.7034, 16.3841, 16.5221

Deuteranopia

16.6692, 16.4286, 15.1244



Tritanopia

18.3562, 16.4738, 17.5415

Trichromacy



Original Color

17.8668, 16.4210, 15.3246

Protanomaly

16.4347, 16.2839, 16.1868

Deuteranomaly

17.1708, 16.5297, 15.1175

Tritanomaly

18.1919, 16.4080, 16.6762

Monochromacy



Original Color

17.8668, 16.4210, 15.3246

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.5250, 16.6322, 17.0912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8668, 16.4210, 15.3246 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, 105, 104)` looks like.

```
.text, #text, p{  
    color:rgb(137, 105, 104)  
}
```

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, 105, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 105, 104) }
```

Border

The CSS property to change the border of an element to XYZ 17.8668, 16.4210, 15.3246 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, 105, 104) }
```


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

```
.border{ border-color:rgb(137, 105, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 105, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 105, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 105, 104);  
box-shadow:4px 4px 4px 4px rgb(137, 105,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8668, 16.4210, 15.3246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 105, 104) }
```

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

```
.background{ background-color: rgb(137,  
105, 104) }
```

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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