

Converting Colors

XYZ(21.4436, 17.7874, 17.7313)

Have a look what the booklet for
XYZ(21.4436, 17.7874, 17.7313)
contains.

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Color

**XYZ(21.3863, 17.7405,
17.6263)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6670
RGB	156, 102, 112
RGB Percent	61%, 40%, 44%
CMY	0.3882, 0.6000, 0.5608
CMYK	0.00, 0.35, 0.28, 0.39
HSL	349°, 21%, 51%
HSV	349°, 35%, 61%
XYZ	21.3863, 17.7405, 17.6263
YIQ	119.2860, 28.9740, 14.5580

Conversions

Conversions Part 2

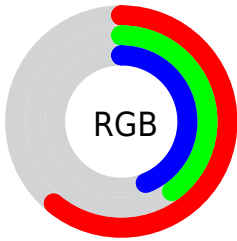
Format	Color
R_{YB}	156, 102, 112
Decimal	10249840
CIE _{Lab}	49.18, 23.17, 3.38
CIE _{LCh}	49, 23.411, 8.296
Yxy	17.7405, 0.3768, 0.3126
Android (android.graphics.Color)	4288439920 (0xFF9C6670)
YUV	119.2860, -3.5920, 32.1982
Hunter-Lab	42.1195, 16.9249, 4.6718

Details

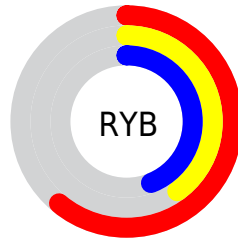
The XYZ color **21.3863, 17.7405, 17.6263** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.5570, 28.6775, 31.5420**, and the grayscale version is **17.6302, 18.5483, 20.1991**.

A 20% lighter version of the original color is **45.4078, 39.7886, 40.4087**, and **7.8381, 5.8921, 5.5747** is the 20% darker color. If you saturate the color by 10%, you get **19.3365, 14.6946, 13.6941**, and if you desaturate by 10%, it is **23.8256, 21.4051, 22.1818**.

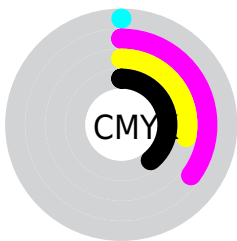
Distribution



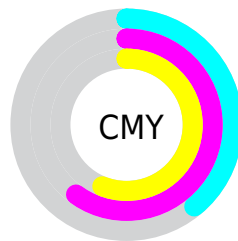
- Red (61%)
- Green (40%)
- Blue (44%)



- Red (61%)
- Yellow (40%)
- Blue (44%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (39%)



- Cyan (39%)
- Magenta (60%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3863, 17.7405, 17.6263 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 21.3863, 17.7405, 17.6263 by changing the saturation by 10% instead.

■ 21.3863, 17.7405,
17.6263

■ 21.3863, 17.7405,
17.6263

252.0174,
239.4043, 250.9211

■ 13.5207, 10.7638,
10.5154

■ 45.2160, 39.5946,
40.2048

■ 7.8676, 5.9083,
5.6319

■ 61.9109, 55.2409,
56.5095

■ 4.0614, 2.7894,
2.5574

■ 82.2795, 74.5459,
76.7158

■ 1.7369, 1.0228,
0.8704

■ 106.6874, 97.8939,
101.2423

■ 0.4792, 0.0000,
0.0000

135.4997,
125.6693, 130.5076

■ 0.0000, 0.0000,
0.0000

169.0819,

158.2566, 164.9301

207.7994,
196.0401, 204.9284

■ 21.3863, 17.7405,
17.6263

■ 21.3863, 17.7405,
17.6263

■ 19.3365, 14.6946,
13.6941

■ 23.8256, 21.4051,
22.1818

■ 17.6542, 12.2307,
10.3568

■ 26.6717, 25.7173,
27.3851

■ 16.3177, 10.3123,
7.5852


■ 29.9428, 30.7073,
33.2607


■ 15.3023, 8.8975,
5.3474


■ 33.6555, 36.4027,
39.8317


■ 14.5797, 7.9384,
3.6081


■ 37.8255, 42.8293,
47.1198


 14.1159, 7.3761,
2.3272

 42.4676, 50.0120,
55.1459

 13.9307, 7.1561,
1.8018

 47.5961, 57.9743,
63.9300

 53.2247, 66.7386,
73.4914

 59.3664, 76.3265,
83.8487

Harmonies

Analogous

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



21.0892, 17.7405, 24.1334



21.3863, 17.7405, 17.6263



20.3910, 17.7405, 12.7593

Triad

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



21.3863, 17.7405, 17.6263



14.3821, 17.7405, 11.3066



15.3505, 17.7405, 32.8437

Complementary

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



21.3863, 17.7405, 17.6263



22.5570, 28.6775, 31.5420

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.



13.7653, 17.7405, 27.8052



21.3863, 17.7405, 17.6263



13.2408, 17.7405, 15.1872

Square

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



21.3863, 17.7405, 17.6263



16.2609, 17.7405, 9.6640



13.0252, 17.7405, 21.1112



17.4774, 17.7405, 33.8938

Rectangle

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



21.3863, 17.7405, 17.6263



19.1754, 17.7405, 10.7585



13.0252, 17.7405, 21.1112



14.7422, 17.7405, 31.5149

Sweetspot

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



21.3868, 17.7413, 17.6267



50.9694, 50.5564, 54.2975



22.4650, 17.9419, 33.7317



11.0483, 10.8698, 11.6470



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.3868, 17.7413, 17.6267



35.7338, 27.5961, 26.0642



22.6112, 21.0320, 15.4393



6.6807, 6.6652, 7.1699



11.4845, 5.8984, 1.5363



0.2174, 0.1103, 0.0912

Inverse Universe

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



21.3868, 17.7413, 17.6267



35.7338, 27.5961, 26.0642



20.8298, 23.9235, 34.9725



6.6807, 6.6652, 7.1699



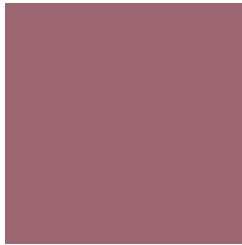
11.4845, 5.8984, 1.5363



0.2174, 0.1103, 0.0912

Previews

White Background



This preview shows how the XYZ color 21.3863, 17.7405, 17.6263 looks on a white background.

Color Contrast Check

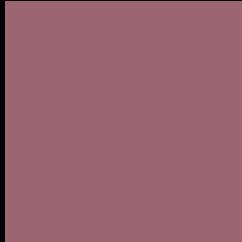
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3863, 17.7405, 17.6263 looks on a black 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

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

XYZ 21.3863, 17.7405, 17.6263

Background



This preview shows how black text looks on a background with the XYZ color 21.3863, 17.7405, 17.6263.



This preview shows how white text looks on a background with the XYZ color 21.3863, 17.7405,

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

21.3863, 17.7405, 17.6263

Protanopia

17.2227, 17.9302, 20.3224

Deuteranopia

18.0797, 17.7613, 17.2272



Tritanopia

21.2761, 17.6965, 17.0462

Trichromacy



Original Color

21.3863, 17.7405, 17.6263

Protanomaly

18.5208, 17.7782, 19.2850

Deuteranomaly

19.1531, 17.6604, 17.4383

Tritanomaly

21.3309, 17.7184, 17.3346

Monochromacy



Original Color

21.3863, 17.7405, 17.6263

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.5732, 17.9767, 19.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3863, 17.7405, 17.6263 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(156, 102, 112)` looks like.

```
.text, #text, p{  
    color:rgb(156, 102, 112)  
}
```

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(156, 102, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 102, 112) }
```

Border

The CSS property to change the border of an element to XYZ 21.3863, 17.7405, 17.6263 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(156, 102, 112) }
```


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

```
.border{ border-color:rgb(156, 102, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 102, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 102, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 102, 112);  
box-shadow:4px 4px 4px 4px rgb(156, 102,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3863, 17.7405, 17.6263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 102, 112) }
```

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

```
.background{ background-color: rgb(156,  
102, 112) }
```

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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