

Converting Colors

XYZ(21.2720, 17.7448, 15.0632)

Have a look what the booklet for
XYZ(21.2720, 17.7448, 15.0632)
contains.

XYZ(21.3001, 17.7511, 15.1356)	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(21.3001, 17.7511,
15.1356)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6667
RGB	158, 102, 103
RGB Percent	62%, 40%, 40%
CMY	0.3804, 0.6000, 0.5961
CMYK	0.00, 0.35, 0.35, 0.38
HSL	359°, 22%, 51%
HSV	359°, 35%, 62%
XYZ	21.3001, 17.7511, 15.1356
YIQ	118.8580, 33.0550, 12.1830

Conversions

Conversions Part 2

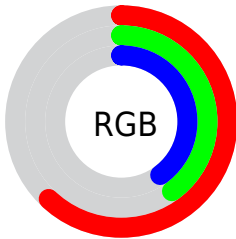
Format	Color
R_{YB}	158, 102, 103
Decimal	10380903
CIE Lab	49.19, 22.70, 8.80
CIE LCh	49, 24.346, 21.183
Yxy	17.7511, 0.3931, 0.3276
Android (android.graphics.Color)	4288570983 (0xFF9E6667)
YUV	118.8580, -7.8180, 34.3275
Hunter-Lab	42.1321, 16.5106, 8.1930

Details

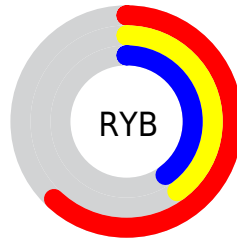
The XYZ color **21.3001, 17.7511, 15.1356** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7930, 29.7132, 36.3811**, and the grayscale version is **17.5067, 18.4184, 20.0577**.

A 20% lighter version of the original color is **45.1199, 39.7404, 35.8644**, and **7.8587, 5.9271, 4.4712** is the 20% darker color. If you saturate the color by 10%, you get **19.1847, 14.6534, 10.9376**, and if you desaturate by 10%, it is **23.8570, 21.5003, 20.1944**.

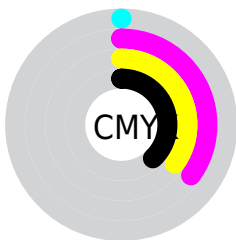
Distribution



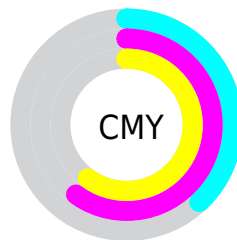
- Red (62%)
- Green (40%)
- Blue (40%)



- Red (62%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (38%)



- Cyan (38%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3001, 17.7511, 15.1356 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 21.3001, 17.7511, 15.1356 by changing the saturation by 10% instead.

■ 21.3001, 17.7511,
15.1356

■ 21.3001, 17.7511,
15.1356

251.5707,
239.4644, 235.8545

■ 13.4573, 10.7714,
8.7669

■ 45.0740, 39.6127,
35.8365

■ 7.8233, 5.9134,
4.4947

■ 61.7357, 55.2635,
51.0059

■ 4.0330, 2.7925,
1.9005

■ 82.0678, 74.5735,
69.9459

■ 1.7208, 1.0244,
0.4930

■ 106.4356, 97.9269,
93.0751

■ 0.4692, 0.0000,
0.0000

135.2044,
125.7084, 120.8120

■ 0.0000, 0.0000,
0.0000

168.7396,

158.3022, 153.5752

207.4066,
196.0927, 191.7832

■ 21.3001, 17.7511,
15.1356

■ 21.3001, 17.7511,
15.1356

■ 19.1847, 14.6534,
10.9376

■ 23.8570, 21.5003,
20.1944

■ 17.4846, 12.1676,
7.5516

■ 26.8768, 25.9324,
26.1572

■ 16.1728, 10.2539,
4.9254


■ 30.3815, 31.0799,
33.0653


■ 15.2186, 8.8669,
3.0004


■ 34.3910, 36.9725,
40.9574


■ 14.5869, 7.9540,
1.7093


■ 38.9243, 43.6382,
49.8699


 14.2329, 7.4472,
0.9712

 43.9992, 51.1035,
59.8374

 14.1160, 7.2753,
0.7410

 49.6327, 59.3937,
70.8928

 55.8414, 68.5330,
83.0676

 62.6406, 78.5446,
96.3922

Harmonies

Analogous

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



21.5870, 17.7511, 21.3176



21.3001, 17.7511, 15.1356



19.7727, 17.7511, 11.1009

Triad

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



21.3001, 17.7511, 15.1356



13.6805, 17.7511, 12.4759



16.2086, 17.7511, 34.5846

Complementary

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



21.3001, 17.7511, 15.1356



23.7930, 29.7132, 36.3811

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.



14.2696, 17.7511, 30.8578



21.3001, 17.7511, 15.1356



12.8988, 17.7511, 17.4661

Square

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



21.3001, 17.7511, 15.1356



15.3364, 17.7511, 9.8232



13.1043, 17.7511, 24.2307



18.5066, 17.7511, 33.5628

Rectangle

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



21.3001, 17.7511, 15.1356



18.3262, 17.7511, 9.7107



13.1043, 17.7511, 24.2307



15.4966, 17.7511, 33.8197

Sweetspot

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



21.3006, 17.7520, 15.1359



51.3879, 50.8814, 52.5887



24.6595, 19.0534, 34.7258



11.4075, 11.2100, 11.5054



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



21.3006, 17.7520, 15.1359



35.4023, 27.4343, 20.9813



24.2359, 23.7022, 15.8691



6.6376, 6.6480, 6.9428



11.3070, 5.8274, 0.6018



0.2034, 0.1047, 0.0173

Inverse Universe

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



21.3006, 17.7520, 15.1359



35.4023, 27.4343, 20.9813



19.8850, 21.7606, 35.5000



6.6376, 6.6480, 6.9428



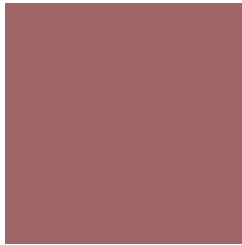
11.3070, 5.8274, 0.6018



0.2034, 0.1047, 0.0173

Previews

White Background



This preview shows how the XYZ color 21.3001, 17.7511, 15.1356 looks on a white background.

Color Contrast Check

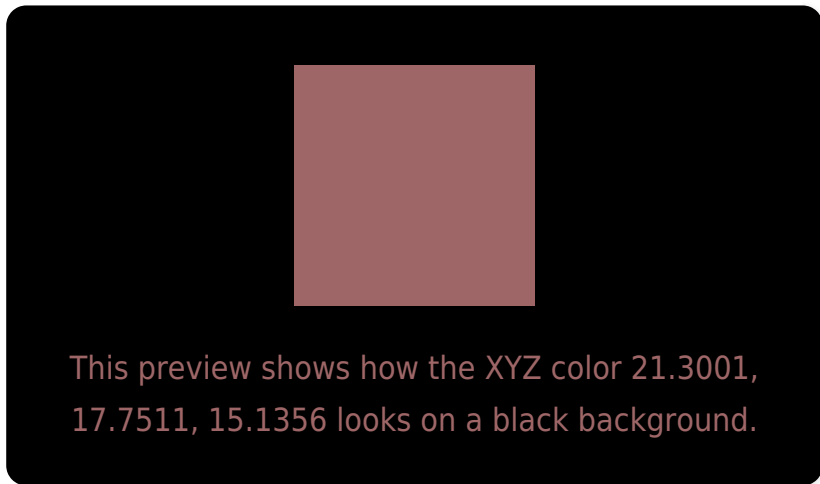
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

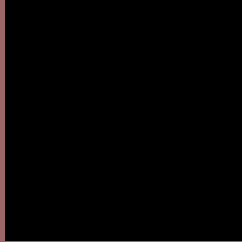
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3001, 17.7511, 15.1356

Background



This preview shows how black text looks on a background with the XYZ color 21.3001, 17.7511, 15.1356.



This preview shows how white text looks on a background with the XYZ color 21.3001, 17.7511,

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

21.3001, 17.7511, 15.1356

Protanopia

17.1157, 17.9352, 17.5987

Deuteranopia

18.0856, 17.8182, 14.7980



Tritanopia

21.7121, 17.7824, 16.7560

Trichromacy



Original Color

21.3001, 17.7511, 15.1356

Protanomaly

18.3325, 17.7394, 16.6452

Deuteranomaly

19.1946, 17.7362, 14.9821

Tritanomaly

21.6056, 17.7398, 16.1953

Monochromacy



Original Color

21.3001, 17.7511, 15.1356

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.5586, 17.9891, 18.1169

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3001, 17.7511, 15.1356 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(158, 102, 103)` looks like.

```
.text, #text, p{  
    color:rgb(158, 102, 103)  
}
```

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(158, 102, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 102, 103) }
```

Border

The CSS property to change the border of an element to XYZ 21.3001, 17.7511, 15.1356 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(158, 102, 103) }
```


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

```
.border{ border-color:rgb(158, 102, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 102, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 102, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 102, 103);  
box-shadow:4px 4px 4px 4px rgb(158, 102,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3001, 17.7511, 15.1356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 102, 103) }
```

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

```
.background{ background-color: rgb(158,  
102, 103) }
```

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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