

Converting Colors

XYZ(21.6669, 17.5872, 15.4622)

Have a look what the booklet for
XYZ(21.6669, 17.5872, 15.4622)
contains.

XYZ(21.7538, 17.6909, 15.3648)	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(21.7538, 17.6909,
15.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	A16468
RGB	161, 100, 104
RGB Percent	63%, 39%, 41%
CMY	0.3686, 0.6078, 0.5922
CMYK	0.00, 0.38, 0.35, 0.37
HSL	356°, 24%, 51%
HSV	356°, 38%, 63%
XYZ	21.7538, 17.6909, 15.3648
YIQ	118.6950, 35.0720, 14.1760

Conversions

Conversions Part 2

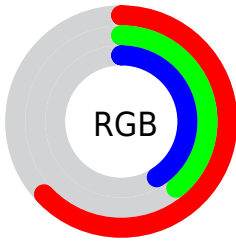
Format	Color
R_{YB}	161, 100, 104
Decimal	10577000
CIE _{Lab}	49.12, 25.16, 8.15
CIE _{LCh}	49, 26.447, 17.948
Yxy	17.6909, 0.3969, 0.3228
Android (android.graphics.Color)	4288767080 (0xFFA16468)
YUV	118.6950, -7.2446, 37.1015
Hunter-Lab	42.0606, 18.7146, 7.7836

Details

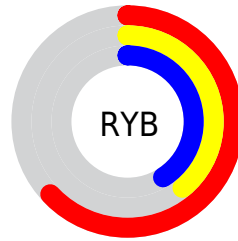
The XYZ color **21.7538, 17.6909, 15.3648** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.0870, 30.6338, 36.5434**, and the grayscale version is **17.4531, 18.3620, 19.9962**.

A 20% lighter version of the original color is **45.7599, 39.5747, 36.2372**, and **8.0299, 5.8772, 4.5821** is the 20% darker color. If you saturate the color by 10%, you get **19.6622, 14.6234, 11.2277**, and if you desaturate by 10%, it is **24.2879, 21.4250, 20.3225**.

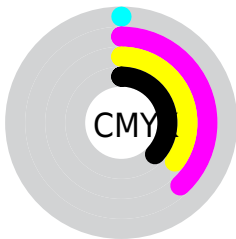
Distribution



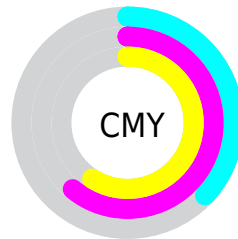
- Red (63%)
- Green (39%)
- Blue (41%)



- Red (63%)
- Yellow (39%)
- Blue (41%)



- Cyan (0%)
- Magenta (38%)
- Yellow (35%)
- Black (37%)





- Cyan (37%)
- Magenta (61%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.7538, 17.6909, 15.3648 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 21.7538, 17.6909, 15.3648 by changing the saturation by 10% instead.


 21.7538, 17.6909,
15.3648


 21.7538, 17.6909,
15.3648


253.9145,
239.1230, 237.2801


 13.7917, 10.7283,
8.9264


 45.8206, 39.5099,
36.2432


 8.0567, 5.8844,
4.5970


 62.6561, 55.1351,
51.5202

 4.1833, 2.7749,
1.9583

 83.1800, 74.4167,
70.5805

 1.8064, 1.0154,
0.5294

 107.7578, 97.7389,
93.8427

 0.5215, 0.0000,
0.0000

136.7548,
125.4863, 121.7251

 0.0000, 0.0000,
0.0000

170.5363,

158.0431, 154.6465

209.4677,
195.7939, 193.0253

■ 21.7538, 17.6909,
15.3648

■ 21.7538, 17.6909,
15.3648

■ 19.6622, 14.6234,
11.2277

■ 24.2879, 21.4250,
20.3225

■ 17.9863, 12.1809,
7.8659

■ 27.2864, 25.8589,
26.1407

■ 16.6987, 10.3211,
5.2314


■ 30.7714, 31.0268,
32.8578


■ 15.7682, 8.9955,
3.2704


■ 34.7632, 36.9599,
40.5097


■ 15.1584, 8.1477,
1.9216


■ 39.2809, 43.6875,
49.1303


 14.8123, 7.6820,
1.1080

 44.3427, 51.2375,
58.7519

 14.7558, 7.6002,
0.9923

 49.9659, 59.6362,
69.4051

 56.1669, 68.9091,
81.1194

 62.9617, 79.0802,
93.9229

Harmonies

Analogous

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



21.9044, 17.6909, 22.2467



21.7538, 17.6909, 15.3648



20.2034, 17.6909, 10.8196

Triad

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



21.7538, 17.6909, 15.3648



13.5265, 17.6909, 11.5077



15.8417, 17.6909, 35.8768

Complementary

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



21.7538, 17.6909, 15.3648



24.0870, 30.6338, 36.5434

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.



13.8278, 17.6909, 31.2410



21.7538, 17.6909, 15.3648



12.5816, 17.6909, 16.5577

Square

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



21.7538, 17.6909, 15.3648



15.3921, 17.6909, 8.9978



12.6862, 17.6909, 23.7689



18.3223, 17.6909, 35.3310

Rectangle

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



21.7538, 17.6909, 15.3648



18.6630, 17.6909, 9.2000



12.6862, 17.6909, 23.7689



15.0926, 17.6909, 34.8338

Sweetspot

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



21.7543, 17.6918, 15.3651



52.9372, 52.3433, 54.6677



24.8823, 18.8498, 36.0452



11.4357, 11.2212, 11.6538



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.



21.7543, 17.6918, 15.3651



35.9157, 27.2172, 21.5042



24.5151, 23.5307, 15.3075



7.0917, 7.0931, 7.4694



11.7910, 6.0725, 0.8241



0.2531, 0.1297, 0.0453

Inverse Universe

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



21.7543, 17.6918, 15.3651



35.9157, 27.2172, 21.5042



20.2930, 22.4906, 36.9898



7.0917, 7.0931, 7.4694



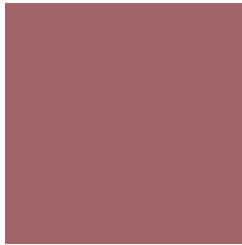
11.7910, 6.0725, 0.8241



0.2531, 0.1297, 0.0453

Previews

White Background



This preview shows how the XYZ color 21.7538, 17.6909, 15.3648 looks on a white background.

Color Contrast Check

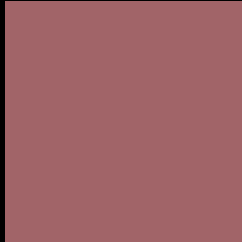
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7538, 17.6909, 15.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

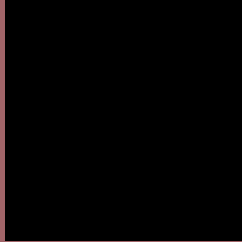
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7538, 17.6909, 15.3648

Background



This preview shows how black text looks on a background with the XYZ color 21.7538, 17.6909, 15.3648.



This preview shows how white text looks on a background with the XYZ color 21.7538, 17.6909,

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

21.7538, 17.6909, 15.3648

Protanopia

17.0877, 17.9079, 18.1787

Deuteranopia

18.1349, 17.8379, 15.0576



Tritanopia

21.9090, 17.7529, 16.1819

Trichromacy



Original Color

21.7538, 17.6909, 15.3648

Protanomaly

18.4906, 17.6456, 17.1832

Deuteranomaly

19.3123, 17.6337, 15.2177

Tritanomaly

21.8566, 17.7320, 15.9063

Monochromacy



Original Color

21.7538, 17.6909, 15.3648

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

18.6629, 17.8716, 18.3855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7538, 17.6909, 15.3648 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(161, 100, 104)` looks like.

```
.text, #text, p{  
    color:rgb(161, 100, 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(161, 100, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 100, 104) }
```

Border

The CSS property to change the border of an element to XYZ 21.7538, 17.6909, 15.3648 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(161, 100, 104) }
```


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

```
.border{ border-color:rgb(161, 100, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 100, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 100, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 100, 104); box-shadow:4px 4px 4px 4px rgb(161, 100, 104) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7538, 17.6909, 15.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 100, 104) }
```

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

```
.background{ background-color: rgb(161,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor