

Converting Colors

XYZ(21.6099, 18.7551, 13.7005)

Have a look what the booklet for
XYZ(21.6099, 18.7551, 13.7005)
contains.

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Color

**XYZ(21.5159, 18.6476,
13.7746)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6B61
RGB	158, 107, 97
RGB Percent	62%, 42%, 38%
CMY	0.3804, 0.5804, 0.6196
CMYK	0.00, 0.32, 0.39, 0.38
HSL	10°, 24%, 50%
HSV	10°, 39%, 62%
XYZ	21.5159, 18.6476, 13.7746
YIQ	121.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

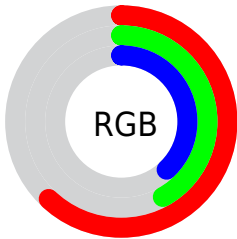
Format	Color
R_{YB}	158, 109, 97
Decimal	10382177
CIE _{Lab}	50.27, 19.07, 13.86
CIE _{LCh}	50, 23.576, 36.014
Yxy	18.6476, 0.3989, 0.3457
Android (android.graphics.Color)	4288572257 (0xFF9E6B61)
YUV	121.1090, -11.8857, 32.3534
Hunter-Lab	43.1829, 13.3678, 11.3155

Details

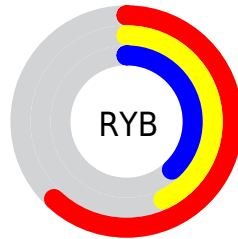
The XYZ color **21.5159, 18.6476, 13.7746** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6907, 26.1886, 36.2593**, and the grayscale version is **18.2393, 19.1891, 20.8970**.

A 20% lighter version of the original color is **45.4750, 41.2305, 33.5785**, and **7.9872, 6.3702, 3.9406** is the 20% darker color. If you saturate the color by 10%, you get **19.5778, 15.8353, 9.8488**, and if you desaturate by 10%, it is **23.8121, 21.9412, 18.5441**.

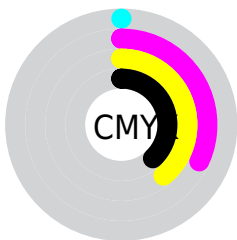
Distribution



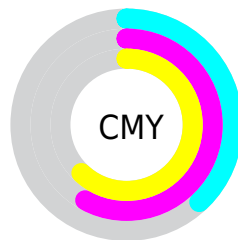
- Red (62%)
- Green (42%)
- Blue (38%)



- Red (62%)
- Yellow (43%)
- Blue (38%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (38%)



- Cyan (38%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5159, 18.6476, 13.7746 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 21.5159, 18.6476, 13.7746 by changing the saturation by 10% instead.

■ 21.5159, 18.6476,
13.7746

■ 21.5159, 18.6476,
13.7746

252.6878,
244.4963, 227.2035

■ 13.6162, 11.4159,
7.8271

■ 45.4294, 41.1378,
33.3999

■ 7.9341, 6.3473,
3.8983

■ 62.1740, 57.1651,
47.9148

■ 4.1043, 3.0574,
1.5697

■ 82.5975, 76.8930,
66.1226

■ 1.7613, 1.1618,
0.2691

■ 107.0654,
100.7060, 88.4418

■ 0.4942, 0.0301,
0.0000

135.9431,
128.9884, 115.2909

■ 0.0000, 0.0000,
0.0000

169.5958,

162.1247, 147.0886

208.3889,
200.4992, 184.2533

■ 21.5159, 18.6476,
13.7746

■ 21.5159, 18.6476,
13.7746

■ 19.5778, 15.8353,
9.8488

■ 23.8121, 21.9412,
18.5441

■ 17.9781, 13.4790,
6.7163

■ 26.4819, 25.7344,
24.2015

■ 16.6974, 11.5554,
4.3230

■ 29.5417, 30.0478,
30.7893

■ 15.7134, 10.0375,
2.6076

■ 33.0063, 34.9003,
38.3467

■ 15.0013, 8.8959,
1.4987

■ 36.8900, 40.3095,
46.9109

■ 14.5219, 8.0927,
0.8599

■ 41.2061, 46.2924,
56.5170

■ 14.4679, 8.0040,
0.7824

■ 45.9675, 52.8653,
67.1986

■ 51.1865, 60.0436,
78.9874

■ 56.8750, 67.8425,
91.9142

Harmonies

Analogous

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



22.4562, 18.6476, 19.0156



21.5159, 18.6476, 13.7746



19.5685, 18.6476, 10.8500

Triad

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



21.5159, 18.6476, 13.7746



14.0093, 18.6476, 15.6115



18.1877, 18.6476, 35.5431

Complementary

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



21.5159, 18.6476, 13.7746



21.6907, 26.1886, 36.2593

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.



15.9992, 18.6476, 34.0874



21.5159, 18.6476, 13.7746



13.7081, 18.6476, 21.6494

Square

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



21.5159, 18.6476, 13.7746



15.2669, 18.6476, 11.7403



14.4060, 18.6476, 28.6265



20.4315, 18.6476, 32.2611

Rectangle

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



21.5159, 18.6476, 13.7746



18.0308, 18.6476, 10.1700



14.4060, 18.6476, 28.6265



17.4207, 18.6476, 35.5994

Sweetspot

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



21.5164, 18.6485, 13.7750



51.5486, 51.6141, 51.3738



23.7881, 17.9838, 30.5884



11.4691, 11.4215, 11.2535



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.



21.5164, 18.6485, 13.7750



36.1102, 29.5697, 18.9987



25.1542, 25.9242, 14.9876



6.7166, 6.8132, 6.9467



11.6079, 6.4514, 0.6334



0.2292, 0.1586, 0.0185

Inverse Universe

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



21.6907, 26.1886, 36.2593



36.4547, 45.1452, 65.5360



17.6212, 18.0496, 34.9028



6.7292, 7.3242, 8.4657



11.5851, 15.2617, 28.2424



0.2296, 0.3179, 0.5125

Previews

White Background



This preview shows how the XYZ color 21.5159, 18.6476, 13.7746 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5159, 18.6476, 13.7746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

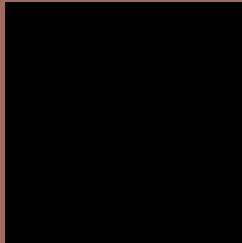
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5159, 18.6476, 13.7746

Background



This preview shows how black text looks on a background with the XYZ color 21.5159, 18.6476, 13.7746.

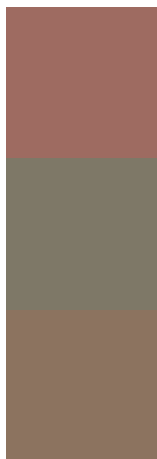


This preview shows how white text looks on a background with the XYZ color 21.5159, 18.6476,

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

21.5159, 18.6476, 13.7746

Protanopia

17.7688, 18.8478, 15.5334

Deuteranopia

19.0115, 18.6631, 13.4268



Tritanopia

22.3303, 18.6663, 18.0488

Trichromacy



Original Color

21.5159, 18.6476, 13.7746

Protanomaly

18.9609, 18.6043, 14.9036

Deuteranomaly

19.9381, 18.6359, 13.6126

Tritanomaly

22.1060, 18.7405, 16.3621

Monochromacy



Original Color

21.5159, 18.6476, 13.7746

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.0015, 18.7290, 17.9428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5159, 18.6476, 13.7746 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, 107, 97)` looks like.

```
.text, #text, p{  
    color:rgb(158, 107, 97)  
}
```

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, 107, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 107, 97) }
```

Border

The CSS property to change the border of an element to XYZ 21.5159, 18.6476, 13.7746 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, 107, 97) }
```


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

```
.border{ border-color:rgb(158, 107, 97) }
```

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

Here you see how a box with a 4 pixel rgb(158, 107, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 107, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 107, 97);  
box-shadow:4px 4px 4px 4px rgb(158, 107,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5159, 18.6476, 13.7746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 107, 97) }
```

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

```
.background{ background-color: rgb(158,  
107, 97) }
```

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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