

Converting Colors

XYZ(21.4723, 18.8008, 20.0613)

Have a look what the booklet for
XYZ(21.4723, 18.8008, 20.0613)
contains.

XYZ(21.3761, 18.7532, 19.9459)	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(21.3761, 18.7532,
19.9459)**

Conversions

Conversions Part 1

Format	Color
Hex	966D77
RGB	150, 109, 119
RGB Percent	59%, 43%, 47%
CMY	0.4118, 0.5725, 0.5333
CMYK	0.00, 0.27, 0.21, 0.41
HSL	345°, 16%, 51%
HSV	345°, 27%, 59%
XYZ	21.3761, 18.7532, 19.9459
YIQ	122.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

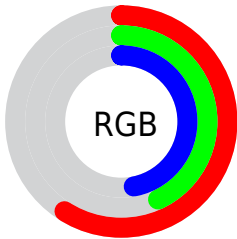
Format	Color
R_{YB}	150, 109, 119
Decimal	9858423
CIE _{Lab}	50.40, 17.87, 0.89
CIE _{LCh}	50, 17.893, 2.855
Yxy	18.7532, 0.3558, 0.3122
Android (android.graphics.Color)	4288048503 (0xFF966D77)
YUV	122.3990, -1.6757, 24.2061
Hunter-Lab	43.3050, 12.3271, 3.0050

Details

The XYZ color **21.3761, 18.7532, 19.9459** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.9474, 26.9578, 28.8588**, and the grayscale version is **18.6300, 19.6002, 21.3447**.

A 20% lighter version of the original color is **45.2724, 41.4091, 44.1347**, and **7.8431, 6.3891, 6.7811** is the 20% darker color. If you saturate the color by 10%, you get **19.2694, 15.5656, 16.0812**, and if you desaturate by 10%, it is **23.8382, 22.5212, 24.3307**.

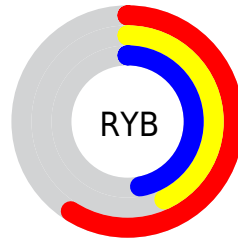
Distribution



Red (59%)

Green (43%)

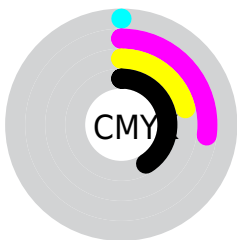
Blue (47%)



Red (59%)

Yellow (43%)

Blue (47%)

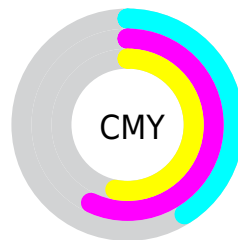


Cyan (0%)

Magenta (27%)

Yellow (21%)

Black (41%)



Cyan (41%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3761, 18.7532, 19.9459 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 21.3761, 18.7532, 19.9459 by changing the saturation by 10% instead.

21.3761, 18.7532,
19.9459

21.3761, 18.7532,
19.9459

251.9646,
245.0829, 264.2166

13.5132, 11.4921,
12.1720

45.1992, 41.3166,
44.1842

7.8623, 6.3988,
6.7370

61.8902, 57.3878,
61.4858

4.0580, 3.0891,
3.2222

82.2545, 77.1643,
82.8003

1.7350, 1.1784,
1.2092

106.6576,
101.0308, 108.5464

0.4780, 0.0440,
0.0000

135.4648,
129.3714, 139.1425

0.0000, 0.0000,
0.0000

169.0415,

162.5708, 175.0072

207.7530,
201.0131, 216.5591

■ 21.3761, 18.7532,
19.9459

■ 21.3761, 18.7532,
19.9459

■ 19.2694, 15.5656,
16.0812

■ 23.8382, 22.5212,
24.3307

■ 17.4999, 12.9269,
12.7157

■ 26.6698, 26.8940,
29.2529

■ 16.0500, 10.8067,
9.8290

■ 29.8860, 31.8973,
34.7306

■ 14.8999, 9.1705,
7.3985

■ 33.5007, 37.5552,
40.7805

■ 14.0274, 7.9793,
5.4001

■ 37.5271, 43.8899,
47.4187

■ 13.4071, 7.1885,
3.8068

■ 41.9775, 50.9229,
54.6608

■ 12.9975, 6.7215,
2.5848

■ 46.8642, 58.6748,
62.5215

■ 12.9051, 6.6150,
2.3124

■ 52.1985, 67.1651,
71.0152

■ 57.9916, 76.4127,
80.1557

Harmonies

Analogous

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



20.9678, 18.7532, 25.1062



21.3761, 18.7532, 19.9459



20.7828, 18.7532, 15.6529

Triad

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



21.3761, 18.7532, 19.9459



16.0715, 18.7532, 13.3860



16.3422, 18.7532, 30.1786

Complementary

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



21.3761, 18.7532, 19.9459



21.9474, 26.9578, 28.8588

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.



15.1609, 18.7532, 26.0661



21.3761, 18.7532, 19.9459



15.0119, 18.7532, 16.3549

Square

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



21.3761, 18.7532, 19.9459



17.6584, 18.7532, 12.2717



14.6896, 18.7532, 20.8996



17.9914, 18.7532, 31.5519

Rectangle

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



21.3761, 18.7532, 19.9459



19.9202, 18.7532, 13.6986



14.6896, 18.7532, 20.8996



15.8809, 18.7532, 29.0411

Sweetspot

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



21.3766, 18.7541, 19.9463



46.6276, 46.7822, 50.8699



21.7474, 18.6939, 31.3164



10.1717, 10.1173, 10.9946



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.3766, 18.7541, 19.9463



35.3040, 29.4252, 30.7858



21.9652, 20.8422, 17.3343



5.8554, 5.8372, 6.3444



10.7144, 5.4908, 1.9768



0.1413, 0.0713, 0.0777

Inverse Universe

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



21.3766, 18.7541, 19.9463



35.3040, 29.4252, 30.7858



21.1540, 24.1370, 32.3983



5.8554, 5.8372, 6.3444



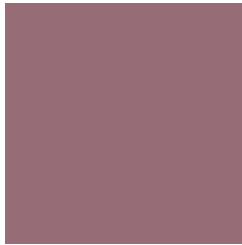
10.7144, 5.4908, 1.9768



0.1413, 0.0713, 0.0777

Previews

White Background



This preview shows how the XYZ color 21.3761, 18.7532, 19.9459 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 21.3761, 18.7532, 19.9459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

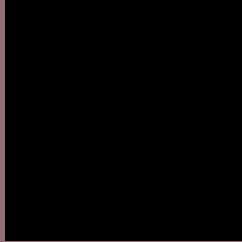
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3761, 18.7532, 19.9459

Background



This preview shows how black text looks on a background with the XYZ color 21.3761, 18.7532, 19.9459.



This preview shows how white text looks on a background with the XYZ color 21.3761, 18.7532,

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

21.3761, 18.7532, 19.9459

Protanopia

18.3033, 18.9786, 22.1006

Deuteranopia

19.1883, 18.7853, 19.7541



Tritanopia

21.3163, 18.7293, 19.6312

Trichromacy



Original Color

21.3761, 18.7532, 19.9459

Protanomaly

19.3363, 18.8264, 21.3536

Deuteranomaly

19.8226, 18.6072, 19.6863

Tritanomaly

21.3163, 18.7293, 19.6312

Monochromacy



Original Color

21.3761, 18.7532, 19.9459

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.3282, 19.0086, 20.7395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3761, 18.7532, 19.9459 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(150, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(150, 109, 119)  
}
```

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(150, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 109, 119) }
```

Border

The CSS property to change the border of an element to XYZ 21.3761, 18.7532, 19.9459 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(150, 109, 119) }
```


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

```
.border{ border-color:rgb(150, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(150, 109,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3761, 18.7532, 19.9459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 109, 119) }
```

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

```
.background{ background-color: rgb(150,  
109, 119) }
```

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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