

Converting Colors

XYZ(21.4654, 16.6717, 19.2885)

Have a look what the booklet for
XYZ(21.4654, 16.6717, 19.2885)
contains.

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Color

**XYZ(21.3733, 16.5825,
19.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5E76
RGB	158, 94, 118
RGB Percent	62%, 37%, 46%
CMY	0.3804, 0.6314, 0.5373
CMYK	0.00, 0.41, 0.25, 0.38
HSL	338°, 25%, 49%
HSV	338°, 41%, 62%
XYZ	21.3733, 16.5825, 19.2138
YIQ	115.8720, 30.4400, 21.0320

Conversions

Conversions Part 2

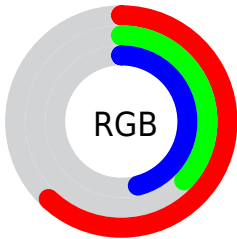
Format	Color
R_{YB}	158, 94, 118
Decimal	10378870
CIE _{Lab}	47.73, 29.36, -2.30
CIE _{LCh}	48, 29.445, 355.518
Yxy	16.5825, 0.3739, 0.2901
Android (android.graphics.Color)	4288568950 (0xFF9E5E76)
YUV	115.8720, 1.0491, 36.9463
Hunter-Lab	40.7216, 22.4254, 0.5302

Details

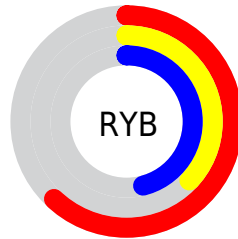
The XYZ color **21.3733, 16.5825, 19.2138** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.1468, 28.5551, 26.9528**, and the grayscale version is **16.5520, 17.4140, 18.9639**.

A 20% lighter version of the original color is **45.2661, 37.7562, 42.9321**, and **7.9082, 5.3994, 6.4197** is the 20% darker color. If you saturate the color by 10%, you get **19.5530, 13.8323, 15.8617**, and if you desaturate by 10%, it is **23.5436, 19.9340, 22.9862**.

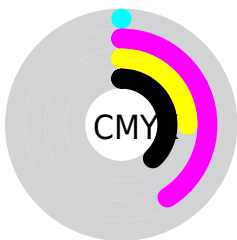
Distribution



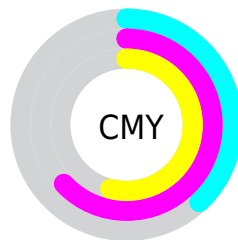
- Red (62%)
- Green (37%)
- Blue (46%)



- Red (62%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (38%)



- Cyan (38%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3733, 16.5825, 19.2138 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 21.3733, 16.5825, 19.2138 by changing the saturation by 10% instead.

■ 21.3733, 16.5825,
19.2138

■ 21.3733, 16.5825,
19.2138

251.9501,
232.7548, 260.0885

■ 13.5112, 9.9373,
11.6465

■ 45.1946, 37.6065,
42.9366

■ 7.8609, 5.3574,
6.3838

■ 61.8845, 52.7541,
59.9291

■ 4.0571, 2.4584,
3.0073

■ 82.2476, 71.5047,
80.9004

■ 1.7345, 0.8557,
1.0984

■ 106.6494, 94.2425,
106.2692

■ 0.4777, 0.0000,
0.0000

135.4552,
121.3520, 136.4538

■ 0.0000, 0.0000,
0.0000

169.0303,

153.2177, 171.8729

207.7402,
190.2238, 212.9449

■ 21.3733, 16.5825,
19.2138

■ 21.3733, 16.5825,
19.2138

■ 19.5530, 13.8323,
15.8617

■ 23.5436, 19.9340,
22.9862

■ 18.0617, 11.6451,
12.9129

■ 26.0805, 23.9176,
27.1926

■ 16.8784, 9.9815,
10.3510


■ 29.0011, 28.5646,
31.8475

■ 15.9786, 8.7961,
8.1575


■ 32.3210, 33.9038,
36.9644

■ 15.3340, 8.0359,
6.3120


■ 36.0551, 39.9620,
42.5560

 14.8965, 7.5875,
4.8505

 40.2173, 46.7647,
48.6346

 44.8210, 54.3362,
55.2120

 49.8787, 62.6995,
62.2996

 55.4029, 71.8770,
69.9085

Harmonies

Analogous

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



20.3191, 16.5825, 27.5834



21.3733, 16.5825, 19.2138



20.7919, 16.5825, 12.4964

Triad

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



21.3733, 16.5825, 19.2138



13.6770, 16.5825, 7.8685



13.0623, 16.5825, 32.8585

Complementary

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



21.3733, 16.5825, 19.2138



21.1468, 28.5551, 26.9528

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.



11.6154, 16.5825, 25.0584



21.3733, 16.5825, 19.2138



11.9415, 16.5825, 11.0213

Square

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



21.3733, 16.5825, 19.2138



16.1606, 16.5825, 7.1062



11.2290, 16.5825, 16.9448



15.3684, 16.5825, 36.7371

Rectangle

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



21.3733, 16.5825, 19.2138



19.5860, 16.5825, 9.5530



11.2290, 16.5825, 16.9448



12.4699, 16.5825, 30.5182

Sweetspot

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



21.3738, 16.5833, 19.2141



51.6966, 50.3241, 56.3125



19.9217, 15.4995, 34.2897



11.5057, 11.1073, 12.4599



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.



21.3738, 16.5833, 19.2141



35.6729, 25.3653, 29.1181



20.8207, 17.4763, 12.8665



6.7308, 6.6852, 7.4335



11.9483, 6.0839, 3.9789



0.2334, 0.1167, 0.1750

Inverse Universe

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



21.3738, 16.5833, 19.2141



35.6729, 25.3653, 29.1181



21.7799, 26.8321, 36.3792



6.7308, 6.6852, 7.4335



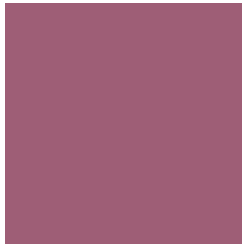
11.9483, 6.0839, 3.9789



0.2334, 0.1167, 0.1750

Previews

White Background



This preview shows how the XYZ color 21.3733, 16.5825, 19.2138 looks on a white background.

Color Contrast Check

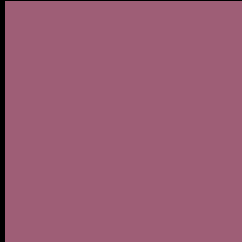
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3733, 16.5825, 19.2138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

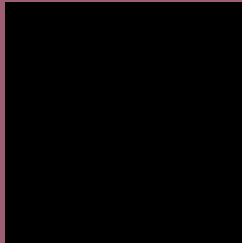
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3733, 16.5825, 19.2138

Background



This preview shows how black text looks on a background with the XYZ color 21.3733, 16.5825, 19.2138.



This preview shows how white text looks on a background with the XYZ color 21.3733, 16.5825,

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

21.3733, 16.5825, 19.2138

Protanopia

16.4899, 16.8015, 23.4930

Deuteranopia

16.9826, 16.6748, 18.5431



Tritanopia

20.6780, 16.7170, 15.2335

Trichromacy



Original Color

21.3733, 16.5825, 19.2138

Protanomaly

17.8220, 16.4036, 21.9656

Deuteranomaly

18.2560, 16.3958, 18.7255

Tritanomaly

20.8478, 16.6380, 16.5806

Monochromacy



Original Color

21.3733, 16.5825, 19.2138

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9335, 16.8348, 19.1339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3733, 16.5825, 19.2138 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, 94, 118)` looks like.

```
.text, #text, p{  
    color:rgb(158, 94, 118)  
}
```

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, 94, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 94, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.3733, 16.5825, 19.2138 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, 94, 118) }
```


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

```
.border{ border-color:rgb(158, 94, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 94, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 94, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 94, 118);  
box-shadow:4px 4px 4px 4px rgb(158, 94,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3733, 16.5825, 19.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 94, 118) }
```

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

```
.background{ background-color: rgb(158, 94,  
118) }
```

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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