

Converting Colors

XYZ(21.7179, 18.3378, 15.7299)

Have a look what the booklet for
XYZ(21.7179, 18.3378, 15.7299)
contains.

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Color

**XYZ(21.7019, 18.3922,
15.7708)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6969
RGB	158, 105, 105
RGB Percent	62%, 41%, 41%
CMY	0.3804, 0.5882, 0.5882
CMYK	0.00, 0.34, 0.34, 0.38
HSL	0°, 21%, 52%
HSV	0°, 34%, 62%
XYZ	21.7019, 18.3922, 15.7708
YIQ	120.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

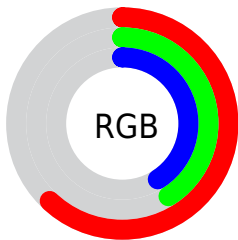
Format	Color
RYB	158, 105, 105
Decimal	10381673
CIELab	49.97, 21.26, 8.71
CIElCh	50, 22.969, 22.271
Yxy	18.3922, 0.3885, 0.3292
Android (android.graphics.Color)	4288571753 (0xFF9E6969)
YUV	120.8470, -7.8126, 32.5832
Hunter-Lab	42.8861, 15.2766, 8.2172

Details

The XYZ color **21.7019, 18.3922, 15.7708** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.2235, 29.9243, 36.8469**, and the grayscale version is **18.1423, 19.0871, 20.7859**.

A 20% lighter version of the original color is **45.7893, 40.8104, 36.9163**, and **8.0525, 6.2350, 4.7820** is the 20% darker color. If you saturate the color by 10%, you get **19.5016, 15.1728, 11.3962**, and if you desaturate by 10%, it is **24.3530, 22.2717, 21.0405**.

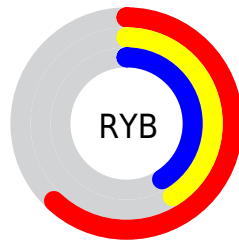
Distribution



Red (62%)

Green (41%)

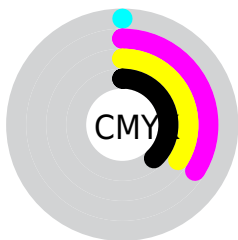
Blue (41%)



Red (62%)

Yellow (41%)

Blue (41%)

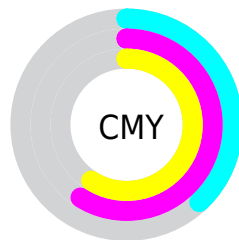


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (38%)



Cyan (38%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.7019, 18.3922, 15.7708 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 21.7019, 18.3922, 15.7708 by changing the saturation by 10% instead.


 21.7019, 18.3922,
15.7708


 21.7019, 18.3922,
15.7708


253.6473,
243.0725, 239.7848


 13.7534, 11.2319,
9.2095


 45.7353, 40.7045,
36.9611


 8.0299, 6.2231,
4.7794


 62.5510, 56.6253,
52.4272

 4.1661, 2.9812,
2.0620

 83.0531, 76.2351,
71.6986

 1.7965, 1.1219,
0.5930

 107.6069, 99.9183,
95.1939

 0.5156, 0.0000,
0.0000

136.5779,
128.0592, 123.3316

 0.0000, 0.0000,
0.0000

170.3314,

161.0423, 156.5303

209.2327,
199.2519, 195.2085

■ 21.7019, 18.3922,
15.7708

■ 21.7019, 18.3922,
15.7708

■ 19.5016, 15.1728,
11.3962

■ 24.3530, 22.2717,
21.0405

■ 17.7258, 12.5742,
7.8660

■ 27.4765, 26.8422,
27.2499

■ 16.3475, 10.5573,
5.1261

■ 31.0943, 32.1361,
34.4421


■ 15.3361, 9.0772,
3.1156


■ 35.2267, 38.1828,
42.6572


■ 14.6566, 8.0829,
1.7650


■ 39.8925, 45.0103,
51.9330


 14.2672, 7.5131,
0.9911

 45.1100, 52.6447,
62.3054

 14.1006, 7.2693,
0.6599

 50.8962, 61.1115,
73.8085

 57.2677, 70.4346,
86.4752

 64.2402, 80.6372,
100.3367

Harmonies

Analogous

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



22.0241, 18.3922, 21.7023



21.7019, 18.3922, 15.7708



20.2038, 18.3922, 11.8812

Triad

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



21.7019, 18.3922, 15.7708



14.3402, 18.3922, 13.4814



16.9177, 18.3922, 34.6146

Complementary

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



21.7019, 18.3922, 15.7708



24.2235, 29.9243, 36.8469

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.



15.0149, 18.3922, 31.2361



21.7019, 18.3922, 15.7708



13.6104, 18.3922, 18.4382

Square

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



21.7019, 18.3922, 15.7708



15.9244, 18.3922, 10.7660



13.8467, 18.3922, 24.9850



19.1364, 18.3922, 33.4824

Rectangle

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



21.7019, 18.3922, 15.7708



18.8032, 18.3922, 10.5500



13.8467, 18.3922, 24.9850



16.2227, 18.3922, 33.9478

Sweetspot

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



21.7024, 18.3931, 15.7712



51.9954, 51.8156, 53.6568



25.3237, 19.8410, 34.8427



11.5325, 11.4040, 11.7195



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.



21.7024, 18.3931, 15.7712



36.4399, 29.0534, 22.7329



24.8340, 24.6563, 16.8150



6.6331, 6.6462, 6.9189



11.2932, 5.8220, 0.5285



0.2019, 0.1041, 0.0095

Inverse Universe

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



24.2235, 29.9243, 36.8469



41.7121, 53.1679, 66.8074



20.1810, 21.8392, 35.4994



6.8218, 7.5094, 8.4966



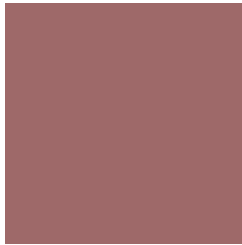
14.7337, 21.5590, 29.2920



0.2635, 0.3855, 0.5238

Previews

White Background



This preview shows how the XYZ color 21.7019, 18.3922, 15.7708 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 21.7019, 18.3922, 15.7708 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 21.7019, 18.3922, 15.7708

Background



This preview shows how black text looks on a background with the XYZ color 21.7019, 18.3922, 15.7708.



This preview shows how white text looks on a background with the XYZ color 21.7019, 18.3922,

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

21.7019, 18.3922, 15.7708

Protanopia

17.6898, 18.5745, 17.9821

Deuteranopia

18.7323, 18.4750, 15.4107



Tritanopia

22.1730, 18.4414, 17.7201

Trichromacy



Original Color

21.7019, 18.3922, 15.7708

Protanomaly

18.9310, 18.3730, 17.0166

Deuteranomaly

19.6847, 18.2976, 15.5910

Tritanomaly

22.0087, 18.3757, 16.8549

Monochromacy



Original Color

21.7019, 18.3922, 15.7708

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.0568, 18.5676, 18.7992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7019, 18.3922, 15.7708 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, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(158, 105, 105)  
}
```

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, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 105, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.7019, 18.3922, 15.7708 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, 105, 105) }
```


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

```
.border{ border-color:rgb(158, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(158, 105,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7019, 18.3922, 15.7708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 105, 105) }
```

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

```
.background{ background-color: rgb(158,  
105, 105) }
```

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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