

Converting Colors

XYZ(21.7902, 20.6818, 18.4663)

Have a look what the booklet for
XYZ(21.7902, 20.6818, 18.4663)
contains.

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Color

**XYZ(21.7902, 20.6818,
18.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	947771
RGB	148, 119, 113
RGB Percent	58%, 47%, 44%
CMY	0.4196, 0.5333, 0.5569
CMYK	0.00, 0.20, 0.24, 0.42
HSL	10°, 14%, 51%
HSV	10°, 24%, 58%
XYZ	21.7902, 20.6818, 18.4663
YIQ	126.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

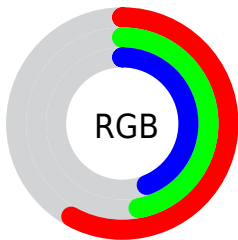
Format	Color
R_{YB}	148, 120, 113
Decimal	9729905
CIE _{Lab}	52.60, 10.33, 7.57
CIE _{LCh}	53, 12.805, 36.235
Yxy	20.6818, 0.3576, 0.3394
Android (android.graphics.Color)	4287919985 (0xFF947771)
YUV	126.9870, -6.8956, 18.4284
Hunter-Lab	45.4772, 5.9422, 7.7590

Details

The XYZ color **21.7902, 20.6818, 18.4663** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8281, 24.9942, 31.6910**, and the grayscale version is **20.1871, 21.2384, 23.1286**.

A 20% lighter version of the original color is **45.9830, 44.5389, 41.7706**, and **8.1371, 7.4295, 6.0062** is the 20% darker color. If you saturate the color by 10%, you get **19.6577, 17.6433, 13.9745**, and if you desaturate by 10%, it is **24.2480, 24.1532, 23.7375**.

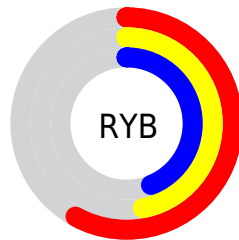
Distribution



Red (58%)

Green (47%)

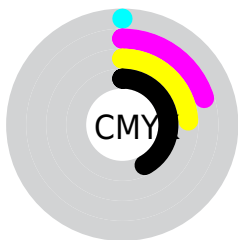
Blue (44%)



Red (58%)

Yellow (47%)

Blue (44%)

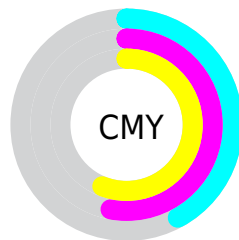


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7902, 20.6818, 18.4663 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 21.7902, 20.6818, 18.4663 by changing the saturation by 10% instead.

■ 21.7902, 20.6818,
18.4663

■ 21.7902, 20.6818,
18.4663

254.1017,
255.5826, 255.8102

■ 13.8186, 12.8916,
11.1124

■ 45.8804, 44.5574,
41.6549

■ 8.0754, 7.3539,
6.0274

■ 62.7297, 61.4115,
58.3267

■ 4.1955, 3.6844,
2.7927

■ 83.2690, 82.0558,
78.9415

■ 1.8133, 1.4986,
0.9898

■ 107.8635,
106.8745, 103.9179

■ 0.5257, 0.2878,
0.0000

136.8787,
136.2522, 133.6745

■ 0.0000, 0.0000,
0.0000

170.6799,

170.5732, 168.6296

209.6324,
210.2218, 209.2020

■ 21.7902, 20.6818,
18.4663

■ 21.7902, 20.6818,
18.4663

■ 19.6577, 17.6433,
13.9745

■ 24.2480, 24.1532,
23.7375

■ 17.8352, 15.0178,
10.2237

■ 27.0423, 28.0706,
29.8213

■ 16.3084, 12.7883,
7.1743

■ 30.1859, 32.4500,
36.7506

■ 15.0615, 10.9354,
4.7825

■ 33.6904, 37.3061,
44.5561

■ 14.0768, 9.4379,
2.9993

■ 37.5669, 42.6524,
53.2671

■ 13.3348, 8.2728,
1.7691

■ 41.8258, 48.5024,
62.9112

■ 12.8130, 7.4138,
1.0256

■ 46.4773, 54.8688,
73.5151

■ 12.5687, 7.0077,
0.6902

■ 51.5312, 61.7638,
85.1043

■ 56.9969, 69.1994,
97.7035

Harmonies

Analogous

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



22.3071, 20.6818, 21.7339



21.7902, 20.6818, 18.4663



20.7047, 20.6818, 16.4663

Triad

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



21.7902, 20.6818, 18.4663



17.4115, 20.6818, 19.6982



19.9361, 20.6818, 30.6005

Complementary

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



21.7902, 20.6818, 18.4663



21.8281, 24.9942, 31.6910

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.



18.6461, 20.6818, 29.8982



21.7902, 20.6818, 18.4663



17.2264, 20.6818, 23.3228

Square

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



21.7902, 20.6818, 18.4663



18.1861, 20.6818, 17.1196



17.6686, 20.6818, 27.1250



21.2060, 20.6818, 28.9488

Rectangle

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



21.7902, 20.6818, 18.4663



19.8256, 20.6818, 15.9806



17.6686, 20.6818, 27.1250



19.4902, 20.6818, 30.6343

Sweetspot

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



21.7908, 20.6827, 18.4667



45.9242, 47.0242, 48.7033



23.0131, 20.0644, 28.3169



10.4251, 10.6528, 10.9905



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.



21.7908, 20.6827, 18.4667



36.5303, 33.7666, 28.5233



24.0447, 25.1907, 19.2181



5.8765, 5.9667, 6.0824



10.7505, 6.0153, 0.5945



0.1467, 0.1038, 0.0123

Inverse Universe

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



21.8281, 24.9942, 31.6910



36.6045, 42.6331, 55.7343



19.4471, 20.2321, 30.8973



5.8804, 6.3947, 7.3941



10.5924, 13.8796, 26.0518



0.1476, 0.2058, 0.3248

Previews

White Background



This preview shows how the XYZ color 21.7902, 20.6818, 18.4663 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 21.7902, 20.6818, 18.4663 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 21.7902, 20.6818, 18.4663

Background



This preview shows how black text looks on a background with the XYZ color 21.7902, 20.6818, 18.4663.



This preview shows how white text looks on a background with the XYZ color 21.7902, 20.6818,

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

21.7902, 20.6818, 18.4663

Protanopia

19.6919, 20.6740, 19.4756

Deuteranopia

21.1457, 20.7066, 18.5051



Tritanopia

22.7049, 20.7130, 22.5400

Trichromacy



Original Color

21.7902, 20.6818, 18.4663

Protanomaly

20.4940, 20.7221, 19.1393

Deuteranomaly

21.3742, 20.6449, 18.4811

Tritanomaly

22.3240, 20.7269, 20.9132

Monochromacy



Original Color

21.7902, 20.6818, 18.4663

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.7122, 20.9713, 21.3686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7902, 20.6818, 18.4663 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(148, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(148, 119, 113)  
}
```

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(148, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 21.7902, 20.6818, 18.4663 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(148, 119, 113) }
```


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

```
.border{ border-color:rgb(148, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(148, 119,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7902, 20.6818, 18.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 119, 113) }
```

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

```
.background{ background-color: rgb(148,  
119, 113) }
```

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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