

Converting Colors

XYZ(22.2908, 20.9218, 21.7677)

Have a look what the booklet for
XYZ(22.2908, 20.9218, 21.7677)
contains.

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Color

**XYZ(22.2675, 20.8519,
21.9200)**

Conversions

Conversions Part 1

Format	Color
Hex	93777C
RGB	147, 119, 124
RGB Percent	58%, 47%, 49%
CMY	0.4235, 0.5333, 0.5137
CMYK	0.00, 0.19, 0.16, 0.42
HSL	349°, 11%, 52%
HSV	349°, 19%, 58%
XYZ	22.2675, 20.8519, 21.9200
YIQ	127.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

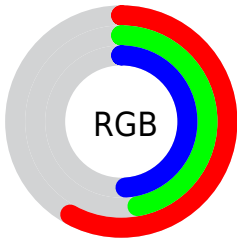
Format	Color
R_{YB}	147, 119, 124
Decimal	9664380
CIE _{Lab}	52.79, 11.74, 1.38
CIE _{LCh}	53, 11.820, 6.712
Yxy	20.8519, 0.3424, 0.3206
Android (android.graphics.Color)	4287854460 (0xFF93777C)
YUV	127.9420, -1.9434, 16.7139
Hunter-Lab	45.6639, 7.1318, 3.5038

Details

The XYZ color **22.2675, 20.8519, 21.9200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.9247, 26.7428, 29.5460**, and the grayscale version is **20.5010, 21.5687, 23.4883**.

A 20% lighter version of the original color is **46.4868, 44.6779, 47.2479**, and **8.2840, 7.3751, 7.6435** is the 20% darker color. If you saturate the color by 10%, you get **19.9341, 17.3331, 17.6023**, and if you desaturate by 10%, it is **24.9663, 24.9512, 26.8215**.

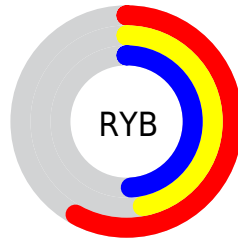
Distribution



Red (58%)

Green (47%)

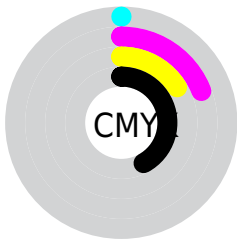
Blue (49%)



Red (58%)

Yellow (47%)

Blue (49%)

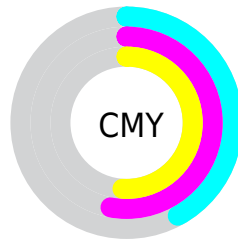


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2675, 20.8519, 21.9200 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 22.2675, 20.8519, 21.9200 by changing the saturation by 10% instead.

■ 22.2675, 20.8519,
21.9200

■ 22.2675, 20.8519,
21.9200

256.5462,
256.4904, 275.0681

■ 14.1713, 13.0158,
13.6004

■ 46.6633, 44.8409,
47.5142

■ 8.3224, 7.4394,
7.7077

■ 63.6936, 61.7626,
65.6259

■ 4.3555, 3.7384,
3.8234

■ 84.4326, 82.4817,
87.8387

■ 1.9051, 1.5283,
1.5290

109.2457,
107.3824, 114.5711

■ 0.5798, 0.3085,
0.2394

138.4983,
136.8492, 146.2417

■ 0.0000, 0.0000,
0.0000

172.5557,

171.2666, 183.2691

211.7832,
211.0188, 226.0717

■ 22.2675, 20.8519,
21.9200

■ 22.2675, 20.8519,
21.9200

■ 19.9341, 17.3331,
17.6023

■ 24.9663, 24.9512,
26.8215

■ 17.9484, 14.3659,
13.8451

■ 28.0434, 29.6527,
32.3261

■ 16.2943, 11.9230,
10.6258

■ 31.5135, 34.9804,
38.4539

■ 14.9532, 9.9737,
7.9193

■ 35.3898, 40.9561,
45.2238

■ 13.9050, 8.4844,
5.6988

■ 39.6849, 47.6007,
52.6536

■ 13.1272, 7.4167,
3.9349

■ 44.4109, 54.9339,
60.7607

■ 12.5935, 6.7263,
2.5949

■ 49.5794, 62.9749,
69.5616

■ 12.2503, 6.3145,
1.6340

■ 55.2015, 71.7420,
79.0726

■ 12.2218, 6.2787,
1.5591

■ 61.2880, 81.2527,
89.3089

Harmonies

Analogous

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



22.0769, 20.8519, 25.4950



22.2675, 20.8519, 21.9200



21.7806, 20.8519, 18.8832

Triad

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



22.2675, 20.8519, 21.9200



18.4357, 20.8519, 17.6856



18.8967, 20.8519, 29.5274

Complementary

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



22.2675, 20.8519, 21.9200



22.9247, 26.7428, 29.5460

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.



17.9791, 20.8519, 27.0086



22.2675, 20.8519, 21.9200



17.7207, 20.8519, 20.1248

Square

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



22.2675, 20.8519, 21.9200



19.5434, 20.8519, 16.6078



17.5571, 20.8519, 23.5068



20.0974, 20.8519, 30.1350

Rectangle

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



22.2675, 20.8519, 21.9200



21.1487, 20.8519, 17.4894



17.5571, 20.8519, 23.5068



18.5465, 20.8519, 28.8644

Sweetspot

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



22.2681, 20.8528, 21.9204



46.2499, 47.0306, 50.8005



22.9964, 21.0402, 30.4530



10.4877, 10.6290, 11.4707



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.



22.2681, 20.8528, 21.9204



37.9494, 34.4284, 35.7058



23.0648, 22.9393, 20.6660



5.8406, 5.8313, 6.2666



10.6026, 5.4461, 1.3885



0.1377, 0.0698, 0.0585

Inverse Universe

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



22.2681, 20.8528, 21.9204



37.9494, 34.4284, 35.7058



21.9825, 24.2444, 31.1249



5.8406, 5.8313, 6.2666



10.6026, 5.4461, 1.3885



0.1377, 0.0698, 0.0585

Previews

White Background



This preview shows how the XYZ color 22.2675, 20.8519, 21.9200 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 22.2675, 20.8519, 21.9200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

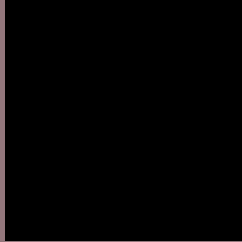
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2675, 20.8519, 21.9200

Background



This preview shows how black text looks on a background with the XYZ color 22.2675, 20.8519, 21.9200.



This preview shows how white text looks on a background with the XYZ color 22.2675, 20.8519,

21.9200.

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

22.2675, 20.8519, 21.9200

Protanopia

20.2592, 21.0694, 23.4211

Deuteranopia

21.1821, 20.8381, 21.6446



Tritanopia

22.4073, 20.7184, 23.2401

Trichromacy



Original Color

22.2675, 20.8519, 21.9200

Protanomaly

20.9054, 20.8491, 23.0011

Deuteranomaly

21.5679, 20.8556, 21.6277

Tritanomaly

22.3418, 20.6922, 22.8951

Monochromacy



Original Color

22.2675, 20.8519, 21.9200

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1561, 21.3504, 23.0847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2675, 20.8519, 21.9200 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(147, 119, 124) looks like.

```
.text, #text, p{  
    color:rgb(147, 119, 124)  
}
```

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(147, 119, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 119, 124) }
```

Border

The CSS property to change the border of an element to XYZ 22.2675, 20.8519, 21.9200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

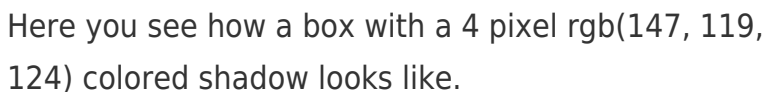
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 119, 124) }
```


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

```
.border{ border-color:rgb(147, 119, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 119, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 119, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 119, 124);  
box-shadow:4px 4px 4px 4px rgb(147, 119,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2675, 20.8519, 21.9200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 119, 124) }
```

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

```
.background{ background-color: rgb(147,  
119, 124) }
```

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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