

Converting Colors

XYZ(22.2072, 20.4974, 20.6806)

Have a look what the booklet for
XYZ(22.2072, 20.4974, 20.6806)
contains.

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Color

**XYZ(22.1459, 20.4682,
20.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	957578
RGB	149, 117, 120
RGB Percent	58%, 46%, 47%
CMY	0.4157, 0.5412, 0.5294
CMYK	0.00, 0.21, 0.19, 0.42
HSL	354°, 13%, 52%
HSV	354°, 21%, 58%
XYZ	22.1459, 20.4682, 20.5528
YIQ	126.9100, 18.1090, 7.7170

Conversions

Conversions Part 2

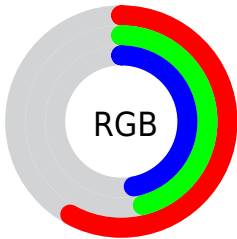
Format	Color
R_{YB}	149, 117, 120
Decimal	9794936
CIE _{Lab}	52.36, 13.01, 3.14
CIE _{LCh}	52, 13.380, 13.569
Yxy	20.4682, 0.3506, 0.3240
Android (android.graphics.Color)	4287985016 (0xFF957578)
YUV	126.9100, -3.4066, 19.3729
Hunter-Lab	45.2418, 8.2028, 4.7345

Details

The XYZ color **22.1459, 20.4682, 20.5528** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2727, 27.3527, 31.2486**, and the grayscale version is **20.1493, 21.1987, 23.0854**.

A 20% lighter version of the original color is **46.5362, 44.1919, 45.1069**, and **8.3348, 7.3208, 7.1047** is the 20% darker color. If you saturate the color by 10%, you get **19.7835, 16.9637, 16.0030**, and if you desaturate by 10%, it is **24.9014, 24.5735, 25.8044**.

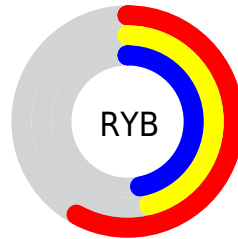
Distribution



Red (58%)

Green (46%)

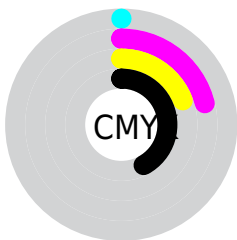
Blue (47%)



Red (58%)

Yellow (46%)

Blue (47%)

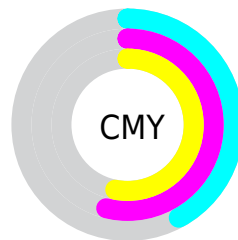


Cyan (0%)

Magenta (21%)

Yellow (19%)

Black (42%)



Cyan (42%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1459, 20.4682, 20.5528 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 22.1459, 20.4682, 20.5528 by changing the saturation by 10% instead.

■ 22.1459, 20.4682,
20.5528

■ 22.1459, 20.4682,
20.5528

255.9253,
254.4386, 267.5948

■ 14.0813, 12.7358,
12.6095

■ 46.4641, 44.2008,
45.2132

■ 8.2593, 7.2469,
7.0326

■ 63.4484, 60.9698,
62.7673

■ 4.3145, 3.6170,
3.4038

■ 84.1367, 81.5198,
84.3620

■ 1.8816, 1.4617,
1.3043

108.8944,
106.2352, 110.4160

■ 0.5661, 0.2615,
0.0653

138.0867,
135.5004, 141.3477

■ 0.0000, 0.0000,
0.0000

172.0791,

169.6997, 177.5757

211.2368,
209.2177, 219.5186

■ 22.1459, 20.4682,
20.5528

■ 22.1459, 20.4682,
20.5528

■ 19.7835, 16.9637,
16.0030

■ 24.9014, 24.5735,
25.8044

■ 17.7947, 14.0292,
12.1241

■ 28.0650, 29.3030,
31.7845

■ 16.1607, 11.6353,
8.8846


■ 31.6530, 34.6822,
38.5200


■ 14.8606, 9.7491,
6.2502


■ 35.6803, 40.7344,
46.0357


■ 13.8711, 8.3337,
4.1831


■ 40.1612, 47.4817,
54.3558


 13.1662, 7.3477,
2.6415


 45.1091, 54.9453,
63.5031

 12.7153, 6.7422,
1.5777

 50.5370, 63.1455,
73.4996

 12.4735, 6.4212,
0.9959

 56.4574, 72.1016,
84.3664

 62.8823, 81.8323,
96.1239

Harmonies

Analogous

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



22.1086, 20.4682, 24.5029



22.1459, 20.4682, 20.5528



21.4384, 20.4682, 17.4540

Triad

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



22.1459, 20.4682, 20.5528



17.6845, 20.4682, 17.2272



18.7144, 20.4682, 30.3874

Complementary

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



22.1459, 20.4682, 20.5528



23.2727, 27.3527, 31.2486

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.



17.5968, 20.4682, 27.9372



22.1459, 20.4682, 20.5528



17.0217, 20.4682, 20.2077

Square

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



22.1459, 20.4682, 20.5528



18.8393, 20.4682, 15.6928



16.9903, 20.4682, 24.1148



20.0828, 20.4682, 30.5082

Rectangle

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



22.1459, 20.4682, 20.5528



20.6580, 20.4682, 16.1576



16.9903, 20.4682, 24.1148



18.2985, 20.4682, 29.7969

Sweetspot

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



22.1465, 20.4691, 20.5532



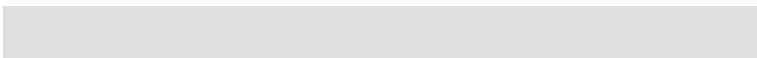
47.5345, 48.3991, 51.7790



23.6053, 20.9861, 31.2406



10.4628, 10.6190, 11.3398



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.



22.1465, 20.4691, 20.5532



37.4370, 33.3540, 32.5365



23.5620, 23.5868, 20.1416



5.8216, 5.8237, 6.1665



10.5037, 5.4065, 0.8673



0.1329, 0.0679, 0.0335

Inverse Universe

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



22.1465, 20.4691, 20.5532



37.4370, 33.3540, 32.5365



21.5941, 23.6173, 31.8545



5.8216, 5.8237, 6.1665



10.5037, 5.4065, 0.8673



0.1329, 0.0679, 0.0335

Previews

White Background



This preview shows how the XYZ color 22.1459, 20.4682, 20.5528 looks on a white background.

Color Contrast Check

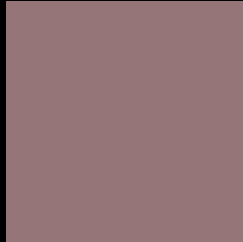
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1459, 20.4682, 20.5528 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

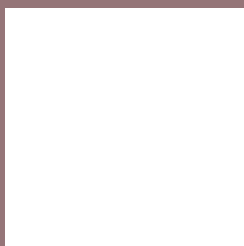
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.1459, 20.4682, 20.5528

Background



This preview shows how black text looks on a background with the XYZ color 22.1459, 20.4682, 20.5528.



This preview shows how white text looks on a background with the XYZ color 22.1459, 20.4682,

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

22.1459, 20.4682, 20.5528

Protanopia

19.7241, 20.6345, 22.0121

Deuteranopia

20.8146, 20.4956, 20.3118



Tritanopia

22.5247, 20.4555, 22.1632

Trichromacy



Original Color

22.1459, 20.4682, 20.5528

Protanomaly

20.5264, 20.5000, 21.6139

Deuteranomaly

21.3739, 20.6045, 20.3033

Tritanomaly

22.3982, 20.4049, 21.4969

Monochromacy



Original Color

22.1459, 20.4682, 20.5528

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.7127, 20.7721, 21.9865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1459, 20.4682, 20.5528 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(149, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(149, 117, 120)  
}
```

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(149, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 117, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.1459, 20.4682, 20.5528 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(149, 117, 120) }
```


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

```
.border{ border-color:rgb(149, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(149, 117,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1459, 20.4682, 20.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 117, 120) }
```

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

```
.background{ background-color: rgb(149,  
117, 120) }
```

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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