

Converting Colors

XYZ(22.1873, 20.9096, 19.8195)

Have a look what the booklet for
XYZ(22.1873, 20.9096, 19.8195)
contains.

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Color

**XYZ(22.2021, 20.8676,
19.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	957775
RGB	149, 119, 117
RGB Percent	58%, 47%, 46%
CMY	0.4157, 0.5333, 0.5412
CMYK	0.00, 0.20, 0.21, 0.42
HSL	4°, 13%, 52%
HSV	4°, 21%, 58%
XYZ	22.2021, 20.8676, 19.6873
YIQ	127.7420, 18.5220, 5.7380

Conversions

Conversions Part 2

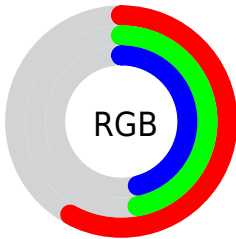
Format	Color
R_{YB}	149, 119, 117
Decimal	9795445
CIE _{Lab}	52.80, 11.36, 5.53
CIE _{LCh}	53, 12.638, 25.970
Yxy	20.8676, 0.3538, 0.3325
Android (android.graphics.Color)	4287985525 (0xFF957775)
YUV	127.7420, -5.2958, 18.6433
Hunter-Lab	45.6811, 6.8134, 6.4244

Details

The XYZ color **22.2021, 20.8676, 19.6873** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1943, 26.8183, 32.3877**, and the grayscale version is **20.4422, 21.5068, 23.4209**.

A 20% lighter version of the original color is **46.6262, 44.8278, 43.7313**, and **8.3644, 7.5328, 6.6434** is the 20% darker color. If you saturate the color by 10%, you get **19.8530, 17.4615, 14.9207**, and if you desaturate by 10%, it is **24.9361, 24.8200, 25.2707**.

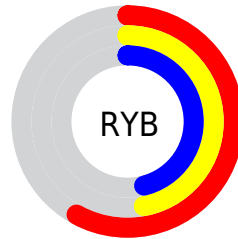
Distribution



Red (58%)

Green (47%)

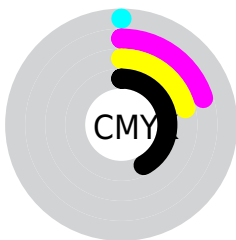
Blue (46%)



Red (58%)

Yellow (47%)

Blue (46%)

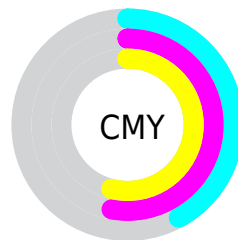


Cyan (0%)

Magenta (20%)

Yellow (21%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2021, 20.8676, 19.6873 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 22.2021, 20.8676, 19.6873 by changing the saturation by 10% instead.

■ 22.2021, 20.8676,
19.6873

■ 22.2021, 20.8676,
19.6873

256.2124,
256.5740, 262.7652

■ 14.1229, 13.0273,
11.9861

■ 46.5562, 44.8671,
43.7444

■ 8.2885, 7.4473,
6.6118

■ 63.5618, 61.7950,
60.9373

■ 4.3334, 3.7434,
3.1458

■ 84.2735, 82.5209,
82.1313

■ 1.8924, 1.5311,
1.1696

109.0568,
107.4292, 107.7448

■ 0.5724, 0.3105,
0.0000

138.2770,
136.9043, 138.1964

■ 0.0000, 0.0000,
0.0000

172.2994,

171.3305, 173.9047

211.4895,
211.0923, 215.2881

■ 22.2021, 20.8676,
19.6873

■ 22.2021, 20.8676,
19.6873

■ 19.8530, 17.4615,
14.9207

■ 24.9361, 24.8200,
25.2707

■ 17.8700, 14.5750,
10.9313

■ 28.0694, 29.3382,
31.7054

■ 16.2350, 12.1835,
7.6785

■ 31.6179, 34.4444,
39.0252

■ 14.9280, 10.2590,
5.1169

■ 35.5958, 40.1586,
47.2620

■ 13.9267, 8.7710,
3.1967

■ 40.0169, 46.4998,
56.4460

■ 13.2062, 7.6854,
1.8611

■ 44.8943, 53.4864,
66.6059

■ 12.7376, 6.9628,
1.0433

■ 50.2406, 61.1358,
77.7694

■ 12.4957, 6.5920,
0.6138

■ 56.0677, 69.4649,
89.9630

■ 62.3875, 78.4901,
103.2121

Harmonies

Analogous

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



22.4725, 20.8676, 23.2355



22.2021, 20.8676, 19.6873



21.2872, 20.8676, 17.2187

Triad

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



22.2021, 20.8676, 19.6873



17.8059, 20.8676, 18.8948



19.6564, 20.8676, 30.7624

Complementary

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



22.2021, 20.8676, 19.6873



23.1943, 26.8183, 32.3877

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.



18.4486, 20.8676, 29.2866



22.2021, 20.8676, 19.6873



17.4106, 20.8676, 22.2147

Square

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



22.2021, 20.8676, 19.6873



18.7442, 20.8676, 16.7980



17.6406, 20.8676, 26.0519



20.9652, 20.8676, 29.8952

Rectangle

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



22.2021, 20.8676, 19.6873



20.4551, 20.8676, 16.3791



17.6406, 20.8676, 26.0519



19.2256, 20.8676, 30.5199

Sweetspot

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



22.2027, 20.8686, 19.6877



47.5710, 48.6531, 51.2330



24.0537, 21.2315, 30.5989



10.4716, 10.6801, 11.2085



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.



22.2027, 20.8686, 19.6877



37.5524, 34.1714, 30.7670



24.2137, 24.8906, 20.3581



5.8282, 5.8702, 6.0664



10.5252, 5.5648, 0.5194



0.1346, 0.0797, 0.0083

Inverse Universe

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



23.1943, 26.8183, 32.3877



39.6679, 46.8698, 57.8773



20.9313, 22.2923, 31.6334



5.9334, 6.5007, 7.4118



12.4265, 17.5479, 26.6632



0.1597, 0.2299, 0.3289

Previews

White Background



This preview shows how the XYZ color 22.2021, 20.8676, 19.6873 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 22.2021, 20.8676, 19.6873 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 22.2021, 20.8676, 19.6873

Background



This preview shows how black text looks on a background with the XYZ color 22.2021, 20.8676, 19.6873.



This preview shows how white text looks on a background with the XYZ color 22.2021, 20.8676,

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

22.2021, 20.8676, 19.6873

Protanopia

20.1180, 21.0480, 21.0915

Deuteranopia

21.2672, 20.9308, 19.4421



Tritanopia

22.8869, 20.9732, 22.9206

Trichromacy



Original Color

22.2021, 20.8676, 19.6873

Protanomaly

20.7897, 20.8403, 20.6962

Deuteranomaly

21.6668, 20.9554, 19.4258

Tritanomaly

22.6313, 20.8710, 21.5746

Monochromacy



Original Color

22.2021, 20.8676, 19.6873

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1250, 21.3567, 22.0776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2021, 20.8676, 19.6873 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, 119, 117)` looks like.

```
.text, #text, p{  
    color:rgb(149, 119, 117)  
}
```

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, 119, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 119, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.2021, 20.8676, 19.6873 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, 119, 117) }
```


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

```
.border{ border-color:rgb(149, 119, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 119, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 119, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 119, 117);  
box-shadow:4px 4px 4px 4px rgb(149, 119,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2021, 20.8676, 19.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 119, 117) }
```

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

```
.background{ background-color: rgb(149,  
119, 117) }
```

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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