

Converting Colors

XYZ(22.4808, 20.7824, 22.1080)

Have a look what the booklet for
XYZ(22.4808, 20.7824, 22.1080)
contains.

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Color

**XYZ(22.5745, 20.8271,
22.2323)**

Conversions

Conversions Part 1

Format	Color
Hex	95767D
RGB	149, 118, 125
RGB Percent	58%, 46%, 49%
CMY	0.4157, 0.5372, 0.5098
CMYK	0.00, 0.21, 0.16, 0.42
HSL	346°, 13%, 52%
HSV	346°, 21%, 58%
XYZ	22.5745, 20.8271, 22.2323
YIQ	128.0670, 16.2290, 8.7490

Conversions

Conversions Part 2

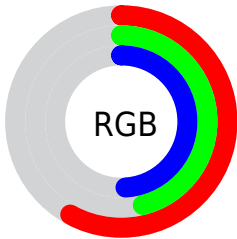
Format	Color
R_{YB}	149, 118, 125
Decimal	9795197
CIE _{Lab}	52.76, 13.27, 0.78
CIE _{LCh}	53, 13.289, 3.366
Yxy	20.8271, 0.3439, 0.3173
Android (android.graphics.Color)	4287985277 (0xFF95767D)
YUV	128.0670, -1.5120, 18.3582
Hunter-Lab	45.6367, 8.4319, 3.0621

Details

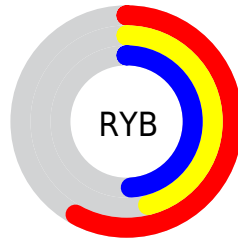
The XYZ color **22.5745, 20.8271, 22.2323** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.1019, 27.2999, 29.6442**, and the grayscale version is **20.5427, 21.6125, 23.5360**.

A 20% lighter version of the original color is **47.0392, 44.6603, 48.2605**, and **8.5317, 7.4988, 7.8352** is the 20% darker color. If you saturate the color by 10%, you get **20.2619, 17.3135, 18.0342**, and if you desaturate by 10%, it is **25.2511, 24.9312, 26.9746**.

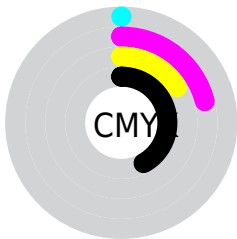
Distribution



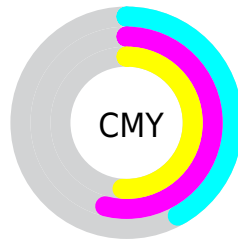
- Red (58%)
- Green (46%)
- Blue (49%)



- Red (58%)
- Yellow (46%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (42%)



- Cyan (42%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5745, 20.8271, 22.2323 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 22.5745, 20.8271, 22.2323 by changing the saturation by 10% instead.

■ 22.5745, 20.8271,
22.2323

■ 22.5745, 20.8271,
22.2323

258.1083,
256.3582, 276.7500

■ 14.3986, 12.9977,
13.8277

■ 47.1655, 44.7996,
48.0367

■ 8.4820, 7.4269,
7.8636

■ 64.3114, 61.7115,
66.2737

■ 4.4592, 3.7305,
3.9213

■ 85.1779, 82.4196,
88.6252

■ 1.9651, 1.5240,
1.5822

110.1305,
107.3084, 115.5098

■ 0.6142, 0.3055,
0.2781

139.5344,
136.7623, 147.3461

■ 0.0000, 0.0000,
0.0000

173.7551,

171.1656, 184.5525

213.1580,
210.9028, 227.5476

■ 22.5745, 20.8271,
22.2323

■ 22.5745, 20.8271,
22.2323

■ 20.2619, 17.3135,
18.0342

■ 25.2511, 24.9312,
26.9746

■ 18.2956, 14.3604,
14.3592

■ 28.3048, 29.6484,
32.2786

■ 16.6592, 11.9396,
11.1870

■ 31.7503, 35.0034,
38.1622

■ 15.3340, 10.0190,
8.4952

■ 35.6009, 41.0189,
44.6426

■ 14.2995, 8.5633,
6.2596

■ 39.8693, 47.7163,
51.7360

■ 13.5327, 7.5324,
4.4541

■ 44.5676, 55.1162,
59.4580

■ 13.0068, 6.8794,
3.0495

■ 49.7076, 63.2382,
67.8238

■ 12.6780, 6.5030,
2.0729

■ 55.3003, 72.1012,
76.8478

■ 61.3566, 81.7234,
86.5442

Harmonies

Analogous

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



22.2725, 20.8271, 26.2705



22.5745, 20.8271, 22.2323



22.1037, 20.8271, 18.7362

Triad

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



22.5745, 20.8271, 22.2323



18.3668, 20.8271, 16.8858



18.6257, 20.8271, 30.1999

Complementary

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



22.5745, 20.8271, 22.2323



23.1019, 27.2999, 29.6442

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.



17.6539, 20.8271, 27.1353



22.5745, 20.8271, 22.2323



17.5094, 20.8271, 19.4274

Square

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



22.5745, 20.8271, 22.2323



19.6396, 20.8271, 15.8844



17.2545, 20.8271, 23.1279



19.9523, 20.8271, 31.1738

Rectangle

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



22.5745, 20.8271, 22.2323



21.4273, 20.8271, 17.0915



17.2545, 20.8271, 23.1279



18.2488, 20.8271, 29.3638

Sweetspot

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



22.5751, 20.8280, 22.2327



47.6956, 48.4635, 52.6272



23.0192, 20.8580, 31.2466



10.5016, 10.6345, 11.5439



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.



22.5751, 20.8280, 22.2327



38.4009, 34.2109, 36.1595



23.1601, 22.6884, 20.2994



5.8512, 5.8356, 6.3228



10.6801, 5.4771, 1.7964



0.1403, 0.0709, 0.0724

Inverse Universe

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



22.5751, 20.8280, 22.2327



38.4009, 34.2109, 36.1595



22.3823, 24.9933, 32.0784



5.8512, 5.8356, 6.3228



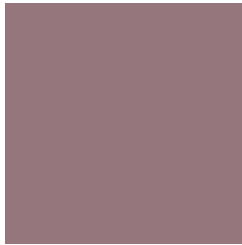
10.6801, 5.4771, 1.7964



0.1403, 0.0709, 0.0724

Previews

White Background



This preview shows how the XYZ color 22.5745, 20.8271, 22.2323 looks on a white background.

Color Contrast Check

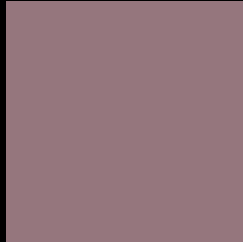
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5745, 20.8271, 22.2323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

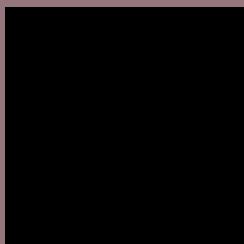
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5745, 20.8271, 22.2323

Background



This preview shows how black text looks on a background with the XYZ color 22.5745, 20.8271, 22.2323.



This preview shows how white text looks on a background with the XYZ color 22.5745, 20.8271,

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

22.5745, 20.8271, 22.2323

Protanopia

20.0485, 20.7642, 23.7201

Deuteranopia

21.2451, 20.8633, 21.9761



Tritanopia

22.7036, 20.8787, 22.9121

Trichromacy



Original Color

22.5745, 20.8271, 22.2323

Protanomaly

20.8475, 20.6285, 23.3050

Deuteranomaly

21.8032, 20.9696, 21.9672

Tritanomaly

22.6388, 20.8528, 22.5705

Monochromacy



Original Color

22.5745, 20.8271, 22.2323

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.1918, 21.1818, 23.0503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5745, 20.8271, 22.2323 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, 118, 125)` looks like.

```
.text, #text, p{  
    color:rgb(149, 118, 125)  
}
```

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, 118, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 118, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.5745, 20.8271, 22.2323 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, 118, 125) }
```


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

```
.border{ border-color:rgb(149, 118, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 118, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 118, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 118, 125);  
box-shadow:4px 4px 4px 4px rgb(149, 118,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5745, 20.8271, 22.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 118, 125) }
```

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

```
.background{ background-color: rgb(149,  
118, 125) }
```

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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