

Converting Colors

XYZ(22.8567, 19.9545, 18.3642)

Have a look what the booklet for
XYZ(22.8567, 19.9545, 18.3642)
contains.

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Color

**XYZ(22.7656, 19.8302,
18.2505)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6F71
RGB	158, 111, 113
RGB Percent	62%, 44%, 44%
CMY	0.3804, 0.5647, 0.5569
CMYK	0.00, 0.30, 0.28, 0.38
HSL	357°, 20%, 53%
HSV	357°, 30%, 62%
XYZ	22.7656, 19.8302, 18.2505
YIQ	125.2810, 27.3700, 10.5860

Conversions

Conversions Part 2

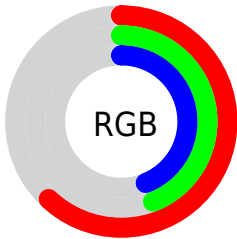
Format	Color
R_{YB}	158, 111, 113
Decimal	10383217
CIE _{Lab}	51.64, 18.94, 6.36
CIE _{LCh}	52, 19.982, 18.548
Yxy	19.8302, 0.3741, 0.3259
Android (android.graphics.Color)	4288573297 (0xFF9E6F71)
YUV	125.2810, -6.0545, 28.6946
Hunter-Lab	44.5311, 13.3249, 6.8725

Details

The XYZ color **22.7656, 19.8302, 18.2505** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.7840, 30.2340, 35.9835**, and the grayscale version is **19.6014, 20.6222, 22.4576**.

A 20% lighter version of the original color is **47.6203, 43.2071, 41.4273**, and **8.5573, 6.9399, 5.8895** is the 20% darker color. If you saturate the color by 10%, you get **20.4098, 16.3698, 13.6076**, and if you desaturate by 10%, it is **25.5695, 23.9592, 23.7437**.

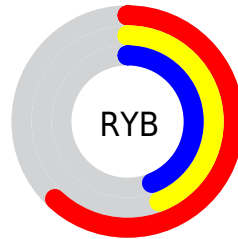
Distribution



Red (62%)

Green (44%)

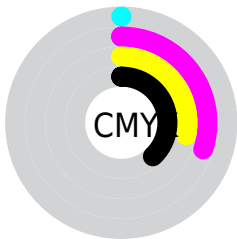
Blue (44%)



Red (62%)

Yellow (44%)

Blue (44%)

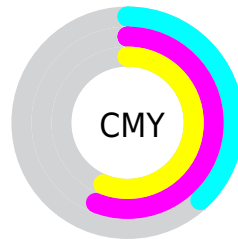


Cyan (0%)

Magenta (30%)

Yellow (28%)

Black (38%)



Cyan (38%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7656, 19.8302, 18.2505 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 22.7656, 19.8302, 18.2505 by changing the saturation by 10% instead.

■ 22.7656, 19.8302,
18.2505

■ 22.7656, 19.8302,
18.2505

259.0767,
250.9944, 254.5626

■ 14.5403, 12.2717,
10.9587

■ 47.4777, 43.1323,
41.2834

■ 8.5816, 6.9290,
5.9252

■ 64.6951, 59.6447,
57.8616

■ 4.5242, 3.4177,
2.7316

■ 85.6406, 79.9105,
78.3723

■ 2.0028, 1.3535,
0.9593

■ 110.6795,
104.3141, 103.2340

■ 0.6355, 0.1821,
0.0000

140.1772,
133.2399, 132.8654

■ 0.0000, 0.0000,
0.0000

174.4991,

167.0723, 167.6849

214.0104,
206.1956, 208.1111

■ 22.7656, 19.8302,
18.2505

■ 22.7656, 19.8302,
18.2505

■ 20.4098, 16.3698,
13.6076

■ 25.5695, 23.9592,
23.7437

■ 18.4772, 13.5401,
9.7714

■ 28.8412, 28.7864,
30.1255

■ 16.9434, 11.3041,
6.6963

■ 32.6014, 34.3429,
37.4332

■ 15.7804, 9.6194,
4.3315

■ 36.8689, 40.6573,
45.7017

■ 14.9568, 8.4382,
2.6202

■ 41.6616, 47.7565,
54.9640

■ 14.4359, 7.7046,
1.4969

■ 46.9966, 55.6662,
65.2517

■ 14.1439, 7.2934,
0.8662

■ 52.8901, 64.4109,
76.5949

■ 14.1374, 7.2838,
0.8536

■ 59.3575, 74.0140,
89.0224

■ 66.4140, 84.4981,
102.5620

Harmonies

Analogous

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



22.9067, 19.8302, 23.8710



22.7656, 19.8302, 18.2505



21.5314, 19.8302, 14.2963

Triad

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



22.7656, 19.8302, 18.2505



16.0903, 19.8302, 15.0468



18.0890, 19.8302, 34.3971

Complementary

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



22.7656, 19.8302, 18.2505



24.7840, 30.2340, 35.9835

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.



16.3974, 19.8302, 31.0233



22.7656, 19.8302, 18.2505



15.2995, 19.8302, 19.4623

Square

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



22.7656, 19.8302, 18.2505



17.6421, 19.8302, 12.6868



15.4078, 19.8302, 25.3177



20.1077, 19.8302, 33.9145

Rectangle

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



22.7656, 19.8302, 18.2505



20.3010, 19.8302, 12.8223



15.4078, 19.8302, 25.3177



17.4660, 19.8302, 33.6552

Sweetspot

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



22.7661, 19.8311, 18.2509



52.7396, 52.8135, 55.4165



25.4992, 20.8715, 35.0325



11.6914, 11.6134, 12.1067



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



22.7661, 19.8311, 18.2509



38.2819, 31.5145, 27.1168



25.2420, 24.9608, 18.5276



6.6439, 6.6505, 6.9760



11.3263, 5.8351, 0.7036



0.2055, 0.1055, 0.0282

Inverse Universe

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



22.7661, 19.8311, 18.2509



38.2819, 31.5145, 27.1168



21.6522, 23.6976, 35.7807



6.6439, 6.6505, 6.9760



11.3263, 5.8351, 0.7036



0.2055, 0.1055, 0.0282

Previews

White Background



This preview shows how the XYZ color 22.7656, 19.8302, 18.2505 looks on a white background.

Color Contrast Check

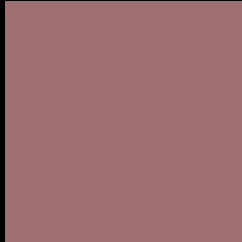
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.7656, 19.8302, 18.2505 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 22.7656, 19.8302, 18.2505

Background



This preview shows how black text looks on a background with the XYZ color 22.7656, 19.8302, 18.2505.



This preview shows how white text looks on a background with the XYZ color 22.7656, 19.8302,

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

22.7656, 19.8302, 18.2505

Protanopia

19.1651, 20.0099, 20.3049

Deuteranopia

20.3367, 19.9390, 18.1060



Tritanopia

23.2038, 19.8547, 20.0621

Trichromacy



Original Color

22.7656, 19.8302, 18.2505

Protanomaly

20.2889, 19.8813, 19.5977

Deuteranomaly

21.2026, 19.8637, 18.0458

Tritanomaly

23.0849, 19.8071, 19.4361

Monochromacy



Original Color

22.7656, 19.8302, 18.2505

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.4842, 20.1318, 20.8953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7656, 19.8302, 18.2505 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(158, 111, 113)` looks like.

```
.text, #text, p{  
    color:rgb(158, 111, 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(158, 111, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 111, 113) }
```

Border

The CSS property to change the border of an element to XYZ 22.7656, 19.8302, 18.2505 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(158, 111, 113) }
```


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

```
.border{ border-color:rgb(158, 111, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 111, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 111, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 111, 113);  
box-shadow:4px 4px 4px 4px rgb(158, 111,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7656, 19.8302, 18.2505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 111, 113) }
```

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

```
.background{ background-color: rgb(158,  
111, 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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