

Converting Colors

XYZ(22.0812, 18.5639, 23.4162)

Have a look what the booklet for
XYZ(22.0812, 18.5639, 23.4162)
contains.

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Color

**XYZ(22.1322, 18.5952,
23.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	986A82
RGB	152, 106, 130
RGB Percent	60%, 42%, 51%
CMY	0.4039, 0.5843, 0.4902
CMYK	0.00, 0.30, 0.14, 0.40
HSL	329°, 18%, 51%
HSV	329°, 30%, 60%
XYZ	22.1322, 18.5952, 23.5418
YIQ	122.4900, 19.7120, 17.2160

Conversions

Conversions Part 2

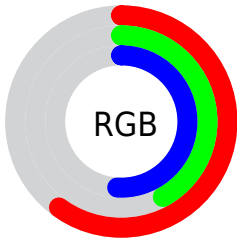
Format	Color
R_{YB}	152, 106, 130
Decimal	9988738
CIE _{Lab}	50.21, 22.22, -5.88
CIE _{LCh}	50, 22.986, 345.169
Yxy	18.5952, 0.3444, 0.2893
Android (android.graphics.Color)	4288178818 (0xFF986A82)
YUV	122.4900, 3.7024, 25.8803
Hunter-Lab	43.1222, 16.1503, -2.1829

Details

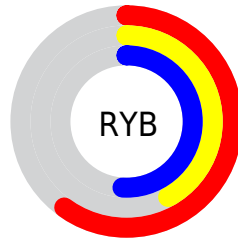
The XYZ color **22.1322, 18.5952, 23.5418** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.0692, 27.0797, 24.5398**, and the grayscale version is **18.6432, 19.6141, 21.3597**.

A 20% lighter version of the original color is **46.5062, 41.1380, 50.2890**, and **8.2538, 6.3295, 8.5713** is the 20% darker color. If you saturate the color by 10%, you get **20.2316, 15.5475, 20.5852**, and if you desaturate by 10%, it is **24.3460, 22.2137, 26.7734**.

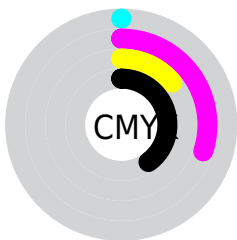
Distribution



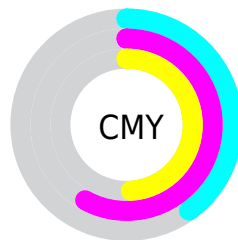
- Red (60%)
- Green (42%)
- Blue (51%)



- Red (60%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1322, 18.5952, 23.5418 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 22.1322, 18.5952, 23.5418 by changing the saturation by 10% instead.

■ 22.1322, 18.5952,
23.5418

■ 22.1322, 18.5952,
23.5418

255.8553,
244.2048, 283.7073

■ 14.0712, 11.3781,
14.7850

■ 46.4416, 41.0490,
50.2159

■ 8.2522, 6.3218,
8.5237

■ 63.4208, 57.0544,
68.9702

■ 4.3099, 3.0417,
4.3393

■ 84.1034, 76.7582,
91.8942

■ 1.8789, 1.1536,
1.8133

■ 108.8547,
100.5446, 119.4064

■ 0.5645, 0.0233,
0.4367

138.0403,
128.7981, 151.9252

■ 0.0000, 0.0000,
0.0000

172.0253,

161.9030, 189.8693

211.1752,
200.2438, 233.6571

■ 22.1322, 18.5952,
23.5418

■ 22.1322, 18.5952,
23.5418

■ 20.2316, 15.5475,
20.5852

■ 24.3460, 22.2137,
26.7734

■ 18.6273, 13.0383,
17.8938

■ 26.8857, 26.4280,
30.2869

■ 17.3030, 11.0364,
15.4588

■ 29.7651, 31.2644,
34.0905

■ 16.2402, 9.5058,
13.2703

■ 32.9969, 36.7472,
38.1916

■ 15.4181, 8.4061,
11.3175

■ 36.5930, 42.8991,
42.5972

■ 14.8121, 7.6896,
9.5881

■ 40.5648, 49.7420,
47.3142

■ 14.3712, 7.2443,
8.0953

■ 44.9230, 57.2966,
52.3493

■ 49.6782, 65.5826,
57.7086

■ 54.8403, 74.6193,
63.3985

Harmonies

Analogous

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



20.8791, 18.5952, 30.1518



22.1322, 18.5952, 23.5418



22.1246, 18.5952, 17.2124

Triad

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



22.1322, 18.5952, 23.5418



16.5801, 18.5952, 10.5881



14.8311, 18.5952, 30.2183

Complementary

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



22.1322, 18.5952, 23.5418



21.0692, 27.0797, 24.5398

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.



13.8645, 18.5952, 23.6189



22.1322, 18.5952, 23.5418



14.8153, 18.5952, 12.7904

Square

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



22.1322, 18.5952, 23.5418



18.7900, 18.5952, 10.5760



13.8590, 18.5952, 17.2749



16.6034, 18.5952, 34.5207

Rectangle

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



22.1322, 18.5952, 23.5418



21.4001, 18.5952, 13.9878



13.8590, 18.5952, 17.2749



14.4080, 18.5952, 28.1402

Sweetspot

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



22.1327, 18.5960, 23.5422



47.9779, 47.5207, 54.1629



19.6444, 17.1240, 31.9759



10.7568, 10.5537, 12.1111



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.1327, 18.5960, 23.5422



36.8439, 29.2466, 38.1385



20.7856, 18.0572, 16.4484



6.3366, 6.2738, 7.1527



12.0656, 6.0805, 6.8705



0.1988, 0.0983, 0.1995

Inverse Universe

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



22.1327, 18.5960, 23.5422



36.8439, 29.2466, 38.1385



22.7154, 27.7382, 33.2086



6.3366, 6.2738, 7.1527



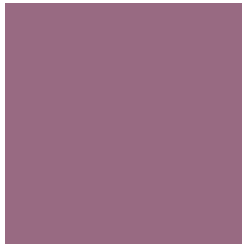
12.0656, 6.0805, 6.8705



0.1988, 0.0983, 0.1995

Previews

White Background



This preview shows how the XYZ color 22.1322, 18.5952, 23.5418 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 22.1322, 18.5952, 23.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

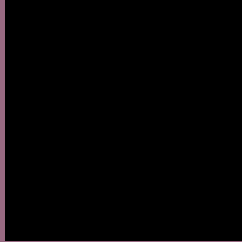
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1322, 18.5952, 23.5418

Background



This preview shows how black text looks on a background with the XYZ color 22.1322, 18.5952, 23.5418.



This preview shows how white text looks on a background with the XYZ color 22.1322, 18.5952,

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

22.1322, 18.5952, 23.5418

Protanopia

18.3867, 18.7416, 26.6932

Deuteranopia

19.0438, 18.6385, 23.0159



Tritanopia

21.1511, 18.4935, 19.2844

Trichromacy



Original Color

22.1322, 18.5952, 23.5418

Protanomaly

19.4437, 18.4510, 25.4583

Deuteranomaly

20.0731, 18.4917, 23.2802

Tritanomaly

21.5330, 18.4998, 20.8483

Monochromacy



Original Color

22.1322, 18.5952, 23.5418

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6199, 18.9580, 22.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1322, 18.5952, 23.5418 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(152, 106, 130)` looks like.

```
.text, #text, p{  
    color:rgb(152, 106, 130)  
}
```

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(152, 106, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 106, 130) }
```

Border

The CSS property to change the border of an element to XYZ 22.1322, 18.5952, 23.5418 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(152, 106, 130) }
```


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

```
.border{ border-color:rgb(152, 106, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 106, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 106, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 106, 130);  
box-shadow:4px 4px 4px 4px rgb(152, 106,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1322, 18.5952, 23.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 106, 130) }
```

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

```
.background{ background-color: rgb(152,  
106, 130) }
```

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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