

Converting Colors

XYZ(22.4326, 18.6163, 22.6619)

Have a look what the booklet for
XYZ(22.4326, 18.6163, 22.6619)
contains.

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Color

**XYZ(22.4654, 18.6302,
22.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6980
RGB	155, 105, 128
RGB Percent	61%, 41%, 50%
CMY	0.3922, 0.5882, 0.4980
CMYK	0.00, 0.32, 0.17, 0.39
HSL	332°, 20%, 51%
HSV	332°, 32%, 61%
XYZ	22.4654, 18.6302, 22.8340
YIQ	122.5720, 22.4170, 17.7530

Conversions

Conversions Part 2

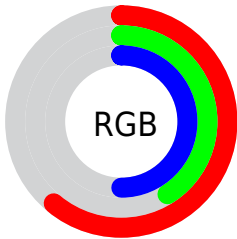
Format	Color
R_{YB}	155, 105, 128
Decimal	10185088
CIE _{Lab}	50.25, 23.58, -4.60
CIE _{LCh}	50, 24.021, 348.967
Yxy	18.6302, 0.3514, 0.2914
Android (android.graphics.Color)	4288375168 (0xFF9B6980)
YUV	122.5720, 2.6760, 28.4394
Hunter-Lab	43.1627, 17.3712, -1.1518

Details

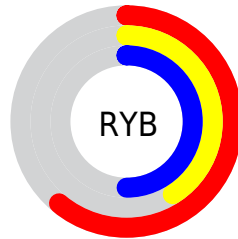
The XYZ color **22.4654, 18.6302, 22.8340** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.7127, 28.1124, 26.1129**, and the grayscale version is **18.6727, 19.6451, 21.3935**.

A 20% lighter version of the original color is **46.9758, 41.1518, 49.1833**, and **8.4679, 6.3743, 8.1812** is the 20% darker color. If you saturate the color by 10%, you get **20.4998, 15.5446, 19.5718**, and if you desaturate by 10%, it is **24.7652, 22.3112, 26.4323**.

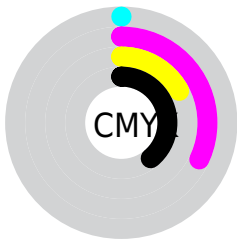
Distribution



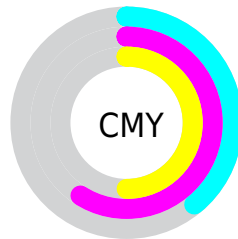
- Red (61%)
- Green (41%)
- Blue (50%)



- Red (61%)
- Yellow (41%)
- Blue (50%)



- Cyan (0%)
- Magenta (32%)
- Yellow (17%)
- Black (39%)





- Cyan (39%)
- Magenta (59%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4654, 18.6302, 22.8340 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 22.4654, 18.6302, 22.8340 by changing the saturation by 10% instead.


 22.4654, 18.6302,
22.8340


 22.4654, 18.6302,
22.8340


257.5541,
244.3996, 279.9655


 14.3178, 11.4034,
14.2668


 46.9872, 41.1083,
49.0403


 8.4252, 6.3388,
8.1656


 64.0920, 57.1283,
67.5166

 4.4223, 3.0522,
4.1118

 84.9133, 76.8482,
90.1330

 1.9437, 1.1590,
1.6869

 109.8164,
100.6524, 117.3080

 0.6020, 0.0279,
0.3517

139.1667,
128.9252, 149.4602

 0.0000, 0.0000,
0.0000

173.3295,

162.0511, 187.0082

212.6702,
200.4144, 230.3704

■ 22.4654, 18.6302,
22.8340

■ 22.4654, 18.6302,
22.8340

■ 20.4998, 15.5446,
19.5718

■ 24.7652, 22.3112,
26.4323

■ 18.8502, 13.0201,
16.6336

■ 27.4133, 26.6144,
30.3760

■ 17.4988, 11.0228,
14.0081


■ 30.4246, 31.5680,
34.6753


■ 16.4254, 9.5141,
11.6828

■ 33.8128, 37.1978,
39.3396


■ 15.6069, 8.4500,
9.6439


■ 37.5908, 43.5280,
44.3780


 15.0163, 7.7785,
7.8760

 41.7710, 50.5820,
49.7991

 14.6645, 7.4273,
6.6718

 46.3651, 58.3816,
55.6113

 51.3844, 66.9480,
61.8229

 56.8397, 76.3016,
68.4415

Harmonies

Analogous

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



21.2966, 18.6302, 29.8996



22.4654, 18.6302, 22.8340



22.2784, 18.6302, 16.4034

Triad

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



22.4654, 18.6302, 22.8340



16.2944, 18.6302, 10.4299



14.9330, 18.6302, 31.5509

Complementary

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



22.4654, 18.6302, 22.8340



21.7127, 28.1124, 26.1129

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.



13.8089, 18.6302, 24.7354



22.4654, 18.6302, 22.8340



14.5461, 18.6302, 12.9903

Square

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



22.4654, 18.6302, 22.8340



18.5764, 18.6302, 10.1385



13.6737, 18.6302, 17.9334



16.8660, 18.6302, 35.6170

Rectangle

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



22.4654, 18.6302, 22.8340



21.4139, 18.6302, 13.2546



13.6737, 18.6302, 17.9334



14.4555, 18.6302, 29.4443

Sweetspot

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



22.4659, 18.6311, 22.8344



50.1513, 49.3946, 55.9339



20.4324, 17.3494, 33.2824



11.1988, 10.9300, 12.4391



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



22.4659, 18.6311, 22.8344



37.5371, 29.1212, 36.4535



21.2910, 18.4354, 15.8019



6.3210, 6.2676, 7.0708



11.7974, 5.9732, 5.4582



0.1944, 0.0965, 0.1768

Inverse Universe

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



22.4659, 18.6311, 22.8344



37.5371, 29.1212, 36.4535



23.1885, 28.2620, 35.2435



6.3210, 6.2676, 7.0708



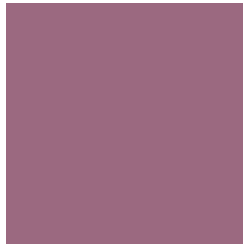
11.7974, 5.9732, 5.4582



0.1944, 0.0965, 0.1768

Previews

White Background



This preview shows how the XYZ color 22.4654, 18.6302, 22.8340 looks on a white background.

Color Contrast Check

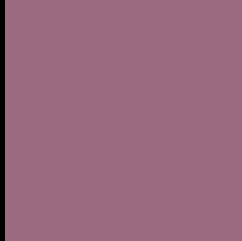
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4654, 18.6302, 22.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

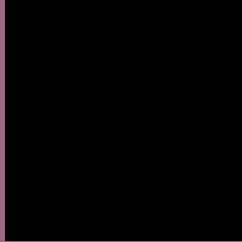
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4654, 18.6302, 22.8340

Background



This preview shows how black text looks on a background with the XYZ color 22.4654, 18.6302, 22.8340.



This preview shows how white text looks on a background with the XYZ color 22.4654, 18.6302,

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

22.4654, 18.6302, 22.8340

Protanopia

18.4483, 18.7817, 26.3198

Deuteranopia

19.0645, 18.6643, 22.3364



Tritanopia

21.6786, 18.6232, 18.6717

Trichromacy



Original Color

22.4654, 18.6302, 22.8340

Protanomaly

19.6805, 18.5812, 25.1035

Deuteranomaly

20.1062, 18.5239, 22.5944

Tritanomaly

21.8706, 18.5342, 20.1940

Monochromacy



Original Color

22.4654, 18.6302, 22.8340

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.9387, 19.1223, 22.0421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4654, 18.6302, 22.8340 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(155, 105, 128)` looks like.

```
.text, #text, p{  
    color:rgb(155, 105, 128)  
}
```

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(155, 105, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 105, 128) }
```

Border

The CSS property to change the border of an element to XYZ 22.4654, 18.6302, 22.8340 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(155, 105, 128) }
```


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

```
.border{ border-color:rgb(155, 105, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 105, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 105, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 105, 128);  
box-shadow:4px 4px 4px 4px rgb(155, 105,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4654, 18.6302, 22.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 105, 128) }
```

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

```
.background{ background-color: rgb(155,  
105, 128) }
```

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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