

Converting Colors

XYZ(22.6131, 18.3994, 21.5744)

Have a look what the booklet for
XYZ(22.6131, 18.3994, 21.5744)
contains.

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Color

**XYZ(22.5889, 18.4248,
21.4346)**

Conversions

Conversions Part 1

Format	Color
Hex	9E677C
RGB	158, 103, 124
RGB Percent	62%, 40%, 49%
CMY	0.3804, 0.5961, 0.5137
CMYK	0.00, 0.35, 0.22, 0.38
HSL	337°, 22%, 51%
HSV	337°, 35%, 62%
XYZ	22.5889, 18.4248, 21.4346
YIQ	121.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

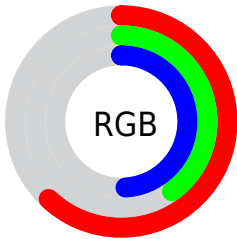
Format	Color
R_{YB}	158, 103, 124
Decimal	10381180
CIE _{Lab}	50.01, 25.20, -2.54
CIE _{LCh}	50, 25.323, 354.245
Yxy	18.4248, 0.3617, 0.2950
Android (android.graphics.Color)	4288571260 (0xFF9E677C)
YUV	121.8390, 1.0654, 31.7132
Hunter-Lab	42.9241, 18.8188, 0.4398

Details

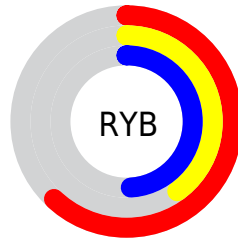
The XYZ color **22.5889, 18.4248, 21.4346** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.3365, 29.1439, 28.1163**, and the grayscale version is **18.4373, 19.3975, 21.1238**.

A 20% lighter version of the original color is **47.2894, 40.8734, 46.4712**, and **8.4619, 6.2436, 7.4158** is the 20% darker color. If you saturate the color by 10%, you get **20.5759, 15.3388, 17.8654**, and if you desaturate by 10%, it is **24.9611, 22.1309, 25.4258**.

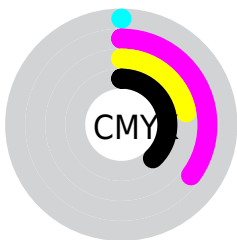
Distribution



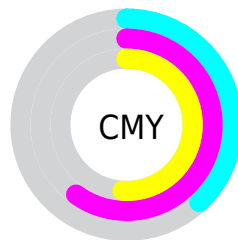
- Red (62%)
- Green (40%)
- Blue (49%)



- Red (62%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (38%)





- Cyan (38%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 22.5889, 18.4248, 21.4346 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 22.5889, 18.4248, 21.4346 by changing the saturation by 10% instead.


 22.5889, 18.4248,
21.4346


 22.5889, 18.4248,
21.4346

258.1814,
243.2547, 272.4357


 14.4093, 11.2554,
13.2477

 47.1891, 40.7599,
46.6999


 8.4895, 6.2389,
7.4666


 64.3403, 56.6943,
64.6153

 4.4641, 2.9909,
3.6728

 85.2128, 76.3192,
86.6107

 1.9679, 1.1270,
1.4476

 110.1719,
100.0190, 113.1046

 0.6158, 0.0008,
0.1784

139.5829,
128.1780, 144.5155

 0.0000, 0.0000,
0.0000

173.8113,

161.1807, 181.2620

213.2223,
199.4115, 223.7625

■ 22.5889, 18.4248,
21.4346

■ 22.5889, 18.4248,
21.4346

■ 20.5759, 15.3388,
17.8654

■ 24.9611, 22.1309,
25.4258

■ 18.9020, 12.8361,
14.7023

■ 27.7081, 26.4862,
29.8522

■ 17.5475, 10.8800,
11.9297


■ 30.8465, 31.5210,
34.7273


■ 16.4897, 9.4283,
9.5304

■ 34.3913, 37.2628,
40.0640


■ 15.7029, 8.4328,
7.4857


■ 38.3568, 43.7377,
45.8745


 15.1553, 7.8335,
5.7743

 42.7564, 50.9704,
52.1707

 14.9248, 7.5988,
4.9999

 47.6033, 58.9846,
58.9638

 52.9096, 67.8028,
66.2647

 58.6873, 77.4466,
74.0841

Harmonies

Analogous

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



21.5876, 18.4248, 28.9482



22.5889, 18.4248, 21.4346



22.1312, 18.4248, 15.0494

Triad

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



22.5889, 18.4248, 21.4346



15.6614, 18.4248, 10.1606



14.9195, 18.4248, 33.0099

Complementary

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



22.5889, 18.4248, 21.4346



22.3365, 29.1439, 28.1163

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.



13.5852, 18.4248, 26.0784



22.5889, 18.4248, 21.4346



13.9850, 18.4248, 13.2096

Square

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



22.5889, 18.4248, 21.4346



17.9853, 18.4248, 9.4693



13.2596, 18.4248, 18.7483



17.0475, 18.4248, 36.5535

Rectangle

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



22.5889, 18.4248, 21.4346



21.0801, 18.4248, 12.0932



13.2596, 18.4248, 18.7483



14.3715, 18.4248, 30.9311

Sweetspot

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



22.5894, 18.4257, 21.4350



52.8564, 52.1595, 58.1919



21.3254, 17.4814, 34.5983



11.7485, 11.4903, 12.8576



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.



22.5894, 18.4257, 21.4350



38.0420, 28.8826, 33.6720



22.0626, 19.2756, 15.3907



6.7326, 6.6860, 7.4431



11.9712, 6.0931, 4.0994



0.2339, 0.1169, 0.1780

Inverse Universe

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



22.5894, 18.4257, 21.4350



38.0420, 28.8826, 33.6720



22.9264, 27.6742, 36.4813



6.7326, 6.6860, 7.4431



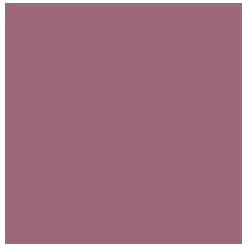
11.9712, 6.0931, 4.0994



0.2339, 0.1169, 0.1780

Previews

White Background



This preview shows how the XYZ color 22.5889, 18.4248, 21.4346 looks on a white background.

Color Contrast Check

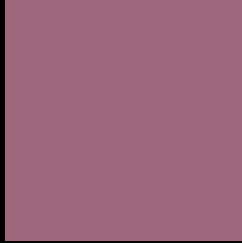
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5889, 18.4248, 21.4346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

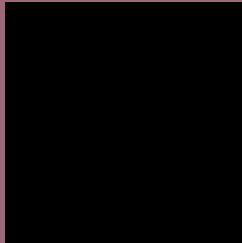
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5889, 18.4248, 21.4346

Background



This preview shows how black text looks on a background with the XYZ color 22.5889, 18.4248, 21.4346.



This preview shows how white text looks on a background with the XYZ color 22.5889, 18.4248,

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

22.5889, 18.4248, 21.4346

Protanopia

18.0482, 18.4322, 24.7968

Deuteranopia

18.9642, 18.6417, 21.0111



Tritanopia

21.9368, 18.4635, 18.0304

Trichromacy



Original Color

22.5889, 18.4248, 21.4346

Protanomaly

19.4501, 18.3275, 23.6315

Deuteranomaly

20.0748, 18.3744, 21.2274

Tritanomaly

22.0658, 18.3531, 19.2091

Monochromacy



Original Color

22.5889, 18.4248, 21.4346

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.6976, 18.8424, 21.3377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5889, 18.4248, 21.4346 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, 103, 124)` looks like.

```
.text, #text, p{  
    color:rgb(158, 103, 124)  
}
```

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, 103, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 103, 124) }
```

Border

The CSS property to change the border of an element to XYZ 22.5889, 18.4248, 21.4346 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, 103, 124) }
```


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

```
.border{ border-color:rgb(158, 103, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 103, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 103, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 103, 124);  
box-shadow:4px 4px 4px 4px rgb(158, 103,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5889, 18.4248, 21.4346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 103, 124) }
```

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

```
.background{ background-color: rgb(158,  
103, 124) }
```

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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