

Converting Colors

XYZ(22.4793, 20.2758, 24.2844)

Have a look what the booklet for
XYZ(22.4793, 20.2758, 24.2844)
contains.

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Color

**XYZ(22.4402, 20.1961,
24.1882)**

Conversions

Conversions Part 1

Format	Color
Hex	947383
RGB	148, 115, 131
RGB Percent	58%, 45%, 51%
CMY	0.4196, 0.5490, 0.4863
CMYK	0.00, 0.22, 0.11, 0.42
HSL	331°, 13%, 52%
HSV	331°, 22%, 58%
XYZ	22.4402, 20.1961, 24.1882
YIQ	126.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

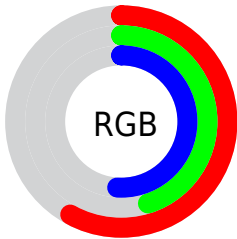
Format	Color
R_{YB}	148, 115, 131
Decimal	9728899
CIE _{Lab}	52.06, 15.67, -3.79
CIE _{LCh}	52, 16.126, 346.420
Yxy	20.1961, 0.3358, 0.3022
Android (android.graphics.Color)	4287918979 (0xFF947383)
YUV	126.6910, 2.1243, 18.6880
Hunter-Lab	44.9401, 10.4864, -0.4537

Details

The XYZ color **22.4402, 20.1961, 24.1882** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8258, 26.4911, 25.7941**, and the grayscale version is **20.0569, 21.1014, 22.9794**.

A 20% lighter version of the original color is **46.8276, 43.6547, 51.3055**, and **8.4599, 7.1649, 8.9197** is the 20% darker color. If you saturate the color by 10%, you get **20.3883, 16.8889, 21.0478**, and if you desaturate by 10%, it is **24.8023, 24.0622, 27.6202**.

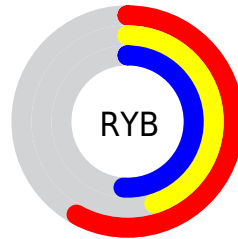
Distribution



Red (58%)

Green (45%)

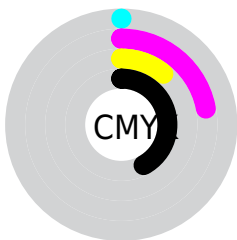
Blue (51%)



Red (58%)

Yellow (45%)

Blue (51%)

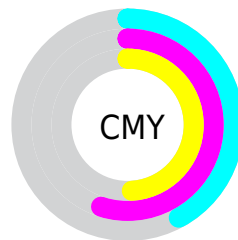


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4402, 20.1961, 24.1882 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 22.4402, 20.1961, 24.1882 by changing the saturation by 10% instead.

■ 22.4402, 20.1961,
24.1882

■ 22.4402, 20.1961,
24.1882

257.4259,
252.9747, 287.0877

■ 14.2991, 12.5377,
15.2598

■ 46.9459, 43.7457,
51.2848

■ 8.4121, 7.1110,
8.8533

■ 64.0413, 60.4057,
70.2901

■ 4.4138, 3.5316,
4.5501

■ 84.8522, 80.8350,
93.4915

■ 1.9388, 1.4152,
1.9317

■ 109.7438,
105.4179, 121.3074

■ 0.5992, 0.2279,
0.5128

139.0817,
134.5390, 154.1564

■ 0.0000, 0.0000,
0.0000

173.2311,

168.5826, 192.4571

212.5574,
207.9330, 236.6281

■ 22.4402, 20.1961,
24.1882

■ 22.4402, 20.1961,
24.1882

■ 20.3883, 16.8889,
21.0478

■ 24.8023, 24.0622,
27.6202

■ 18.6311, 14.1119,
18.1890

■ 27.4856, 28.5090,
31.3506

■ 17.1544, 11.8376,
15.6032

■ 30.5029, 33.5604,
35.3877

■ 15.9421, 10.0351,
13.2808

■ 33.8656, 39.2379,
39.7388

■ 14.9762, 8.6702,
11.2113

■ 37.5845, 45.5622,
44.4114

■ 14.2364, 7.7037,
9.3833

■ 41.6701, 52.5530,
49.4122

■ 13.6990, 7.0894,
7.7840

■ 46.1323, 60.2292,
54.7479

■ 13.3744, 6.7606,
6.6884

■ 50.9808, 68.6087,
60.4252

■ 56.2246, 77.7091,
66.4503

Harmonies

Analogous

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



21.5815, 20.1961, 28.8506



22.4402, 20.1961, 24.1882



22.3952, 20.1961, 19.5256

Triad

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



22.4402, 20.1961, 24.1882



18.3148, 20.1961, 14.3899



17.0952, 20.1961, 29.2331

Complementary

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



22.4402, 20.1961, 24.1882



21.8258, 26.4911, 25.7941

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.



16.3166, 20.1961, 24.6537



22.4402, 20.1961, 24.1882



16.9927, 20.1961, 16.3138

Square

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



22.4402, 20.1961, 24.1882



19.9487, 20.1961, 14.3024



16.2802, 20.1961, 19.9294



18.4621, 20.1961, 32.0322

Rectangle

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



22.4402, 20.1961, 24.1882



21.8574, 20.1961, 17.0348



16.2802, 20.1961, 19.9294



16.7595, 20.1961, 27.8237

Sweetspot

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



22.4408, 20.1970, 24.1886



46.1306, 46.3704, 52.0606



20.9146, 19.2660, 30.6336



10.4755, 10.4940, 11.8076



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.



22.4408, 20.1970, 24.1886



37.6297, 32.4557, 39.7101



21.4387, 19.7962, 18.9119



5.9109, 5.8594, 6.6370



11.4375, 5.7801, 5.7849



0.1548, 0.0767, 0.1486

Inverse Universe

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



22.4408, 20.1970, 24.1886



37.6297, 32.4557, 39.7101



23.0061, 26.9632, 32.0090



5.9109, 5.8594, 6.6370



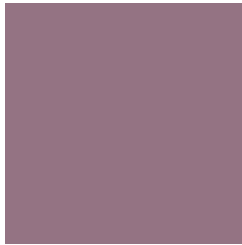
11.4375, 5.7801, 5.7849



0.1548, 0.0767, 0.1486

Previews

White Background



This preview shows how the XYZ color 22.4402, 20.1961, 24.1882 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 22.4402, 20.1961, 24.1882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

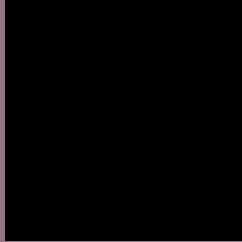
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4402, 20.1961, 24.1882

Background



This preview shows how black text looks on a background with the XYZ color 22.4402, 20.1961, 24.1882.



This preview shows how white text looks on a background with the XYZ color 22.4402, 20.1961,

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

22.4402, 20.1961, 24.1882

Protanopia

19.8200, 20.4038, 26.1863

Deuteranopia

20.6982, 20.3548, 23.9570



Tritanopia

21.9797, 20.1745, 22.1376

Trichromacy



Original Color

22.4402, 20.1961, 24.1882

Protanomaly

20.6562, 20.3015, 25.3841

Deuteranomaly

21.2736, 20.2943, 23.9151

Tritanomaly

22.1088, 20.2261, 22.8174

Monochromacy



Original Color

22.4402, 20.1961, 24.1882

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9709, 20.8753, 23.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4402, 20.1961, 24.1882 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(148, 115, 131)` looks like.

```
.text, #text, p{  
    color:rgb(148, 115, 131)  
}
```

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(148, 115, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 115, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.4402, 20.1961, 24.1882 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(148, 115, 131) }
```


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

```
.border{ border-color:rgb(148, 115, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 115, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 115, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 115, 131);  
box-shadow:4px 4px 4px 4px rgb(148, 115,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4402, 20.1961, 24.1882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 115, 131) }
```

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

```
.background{ background-color: rgb(148,  
115, 131) }
```

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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