

Converting Colors

XYZ(22.4013, 21.0762, 22.9661)

Have a look what the booklet for
XYZ(22.4013, 21.0762, 22.9661)
contains.

XYZ(22.4013, 21.0762, 22.9661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.4013, 21.0762,
22.9661)**

Conversions

Conversions Part 1

Format	Color
Hex	92787F
RGB	146, 120, 127
RGB Percent	57%, 47%, 50%
CMY	0.4274, 0.5294, 0.5020
CMYK	0.00, 0.18, 0.13, 0.43
HSL	344°, 11%, 52%
HSV	344°, 18%, 57%
XYZ	22.4013, 21.0762, 22.9661
YIQ	128.5720, 13.2490, 7.6890

Conversions

Conversions Part 2

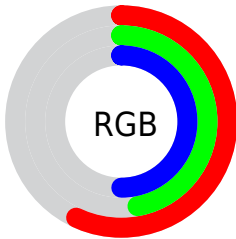
Format	Color
R_{YB}	146, 120, 127
Decimal	9599103
CIE Lab	53.03, 11.30, -0.03
CIE LCh	53, 11.295, 359.845
Yxy	21.0762, 0.3371, 0.3172
Android (android.graphics.Color)	4287789183 (0xFF92787F)
YUV	128.5720, -0.7750, 15.2844
Hunter-Lab	45.9088, 6.7590, 2.4761

Details

The XYZ color **22.4013, 21.0762, 22.9661** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.6856, 26.4155, 28.3304**, and the grayscale version is **20.7165, 21.7954, 23.7352**.

A 20% lighter version of the original color is **46.8102, 45.0797, 49.4141**, and **8.3477, 7.4894, 8.2134** is the 20% darker color. If you saturate the color by 10%, you get **20.1186, 17.5652, 18.9540**, and if you desaturate by 10%, it is **25.0266, 25.1540, 27.4563**.

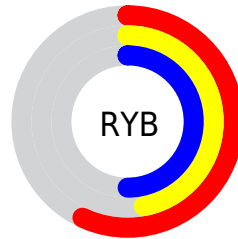
Distribution



Red (57%)

Green (47%)

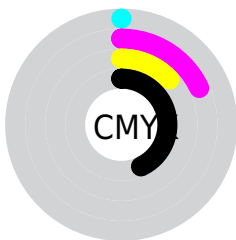
Blue (50%)



Red (57%)

Yellow (47%)

Blue (50%)

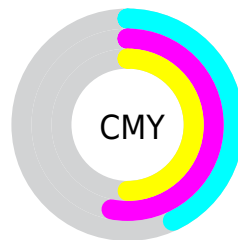


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (43%)



Cyan (43%)

Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4013, 21.0762, 22.9661 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 22.4013, 21.0762, 22.9661 by changing the saturation by 10% instead.

■ 22.4013, 21.0762,
22.9661

■ 22.4013, 21.0762,
22.9661

257.2280,
257.6832, 280.6671

■ 14.2703, 13.1797,
14.3634

■ 46.8823, 45.2143,
49.2601

■ 8.3919, 7.5524,
8.2322

■ 63.9630, 62.2247,
67.7886

■ 4.4006, 3.8099,
4.1540

■ 84.7577, 83.0419,
90.4627

■ 1.9312, 1.5678,
1.7102

109.6317,
108.0503, 117.7010

■ 0.5949, 0.3357,
0.3677

138.9504,
137.6342, 149.9221

■ 0.0000, 0.0000,
0.0000

173.0791,

172.1780, 187.5444

212.3832,
212.0662, 230.9866

■ 22.4013, 21.0762,
22.9661

■ 22.4013, 21.0762,
22.9661

■ 20.1186, 17.5652,
18.9540

■ 25.0266, 25.1540,
27.4563

■ 18.1624, 14.5932,
15.4027

■ 28.0062, 29.8194,
32.4385

■ 16.5178, 12.1340,
12.2956


■ 31.3536, 35.0954,
37.9278


■ 15.1681, 10.1584,
9.6146

■ 35.0807, 41.0030,
43.9382


■ 14.0951, 8.6340,
7.3404


■ 39.1992, 47.5623,
50.4829

 13.2782, 7.5246,
5.4521


 43.7201, 54.7925,
57.5751


 12.6941, 6.7880,
3.9265

 48.6540, 62.7117,
65.2270

 12.3004, 6.3452,
2.7331

 54.0112, 71.3378,
73.4509

 12.2254, 6.2595,
2.5093

 59.8016, 80.6877,
82.2583

Harmonies

Analogous

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



22.0703, 21.0762, 26.3894



22.4013, 21.0762, 22.9661



22.0769, 21.0762, 19.8481

Triad

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



22.4013, 21.0762, 22.9661



18.9183, 21.0762, 17.7351



18.9080, 21.0762, 29.0740

Complementary

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



22.4013, 21.0762, 22.9661



22.6856, 26.4155, 28.3304

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.



18.1180, 21.0762, 26.3558



22.4013, 21.0762, 22.9661



18.1238, 21.0762, 19.8203

Square

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



22.4013, 21.0762, 22.9661



20.0385, 21.0762, 17.0153



17.8365, 21.0762, 22.9307



20.0261, 21.0762, 30.1215

Rectangle

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



22.4013, 21.0762, 22.9661



21.5397, 21.0762, 18.3083



17.8365, 21.0762, 22.9307



18.5969, 21.0762, 28.3129

Sweetspot

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



22.4019, 21.0771, 22.9665



45.5085, 46.4963, 50.7263



22.4918, 20.9667, 30.0560



10.0532, 10.2331, 11.1657



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.4019, 21.0771, 22.9665



37.9933, 34.8274, 37.8580



22.6590, 22.2960, 20.8797



5.8611, 5.8395, 6.3748



10.7666, 5.5117, 2.2519



0.1427, 0.0718, 0.0852

Inverse Universe

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



22.4019, 21.0771, 22.9665



37.9933, 34.8274, 37.8580



22.3665, 24.9326, 30.8281



5.8611, 5.8395, 6.3748



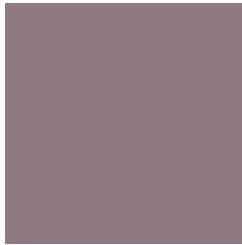
10.7666, 5.5117, 2.2519



0.1427, 0.0718, 0.0852

Previews

White Background



This preview shows how the XYZ color 22.4013, 21.0762, 22.9661 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 22.4013, 21.0762, 22.9661 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 22.4013, 21.0762, 22.9661

Background



This preview shows how black text looks on a background with the XYZ color 22.4013, 21.0762, 22.9661.

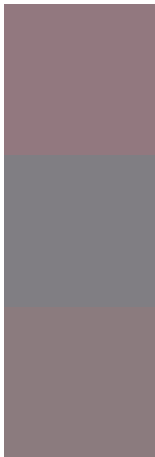


This preview shows how white text looks on a background with the XYZ color 22.4013, 21.0762,

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

22.4013, 21.0762, 22.9661

Protanopia

20.4597, 21.1496, 24.4767

Deuteranopia

21.4963, 21.1612, 22.6902



Tritanopia

22.5330, 21.1289, 23.6595

Trichromacy



Original Color

22.4013, 21.0762, 22.9661

Protanomaly

21.2286, 21.1779, 24.0880

Deuteranomaly

21.8808, 21.1762, 22.6728

Tritanomaly

22.4668, 21.1024, 23.3111

Monochromacy



Original Color

22.4013, 21.0762, 22.9661

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.3488, 21.6311, 23.4721

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4013, 21.0762, 22.9661 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(146, 120, 127)` looks like.

```
.text, #text, p{  
    color:rgb(146, 120, 127)  
}
```

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(146, 120, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 120, 127) }
```

Border

The CSS property to change the border of an element to XYZ 22.4013, 21.0762, 22.9661 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(146, 120, 127) }
```


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

```
.border{ border-color:rgb(146, 120, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 120, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 120, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 120, 127);  
box-shadow:4px 4px 4px 4px rgb(146, 120,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4013, 21.0762, 22.9661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 120, 127) }
```

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

```
.background{ background-color: rgb(146,  
120, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor