

Converting Colors

XYZ(22.1991, 22.5492, 22.5829)

Have a look what the booklet for
XYZ(22.1991, 22.5492, 22.5829)
contains.

XYZ(22.0683, 22.4080, 22.5641)	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(22.0683, 22.4080,
22.5641)**

Conversions

Conversions Part 1

Format	Color
Hex	8B807D
RGB	139, 128, 125
RGB Percent	55%, 50%, 49%
CMY	0.4549, 0.4980, 0.5098
CMYK	0.00, 0.08, 0.10, 0.45
HSL	13°, 6%, 52%
HSV	13°, 10%, 55%
XYZ	22.0683, 22.4080, 22.5641
YIQ	130.9470, 7.5190, 1.3990

Conversions

Conversions Part 2

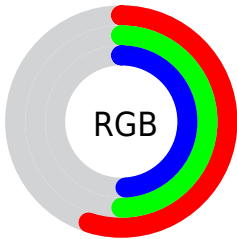
Format	Color
R_{YB}	139, 129, 125
Decimal	9142397
CIE _{Lab}	54.46, 3.62, 3.12
CIE _{LCh}	54, 4.780, 40.815
Yxy	22.4080, 0.3292, 0.3342
Android (android.graphics.Color)	4287332477 (0xFF8B807D)
YUV	130.9470, -2.9319, 7.0625
Hunter-Lab	47.3371, 0.3758, 4.8743

Details

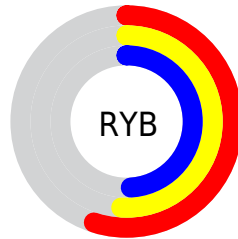
The XYZ color **22.0683, 22.4080, 22.5641** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9217, 23.8319, 27.8709**, and the grayscale version is **21.5632, 22.6862, 24.7053**.

A 20% lighter version of the original color is **46.5521, 47.5996, 48.8536**, and **8.2203, 8.2376, 7.9942** is the 20% darker color. If you saturate the color by 10%, you get **19.8935, 19.3813, 17.7605**, and if you desaturate by 10%, it is **24.5219, 25.7930, 28.0743**.

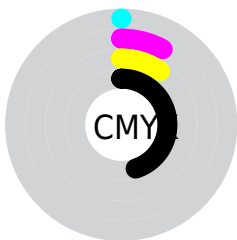
Distribution



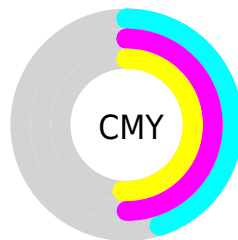
- Red (55%)
- Green (50%)
- Blue (49%)



- Red (55%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (45%)



- Cyan (45%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0683, 22.4080, 22.5641 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 22.0683, 22.4080, 22.5641 by changing the saturation by 10% instead.

■ 22.0683, 22.4080,
22.5641

■ 22.0683, 22.4080,
22.5641

255.5284,
264.6696, 278.5271

■ 14.0240, 14.1570,
14.0697

■ 46.3369, 47.4194,
48.5907

■ 8.2192, 8.2299,
8.0299

■ 63.2918, 64.9486,
66.9599

■ 4.2885, 4.2424,
4.0260

■ 83.9477, 86.3393,
89.4579

■ 1.8666, 1.8101,
1.6396

108.6699,
111.9760, 116.5031

■ 0.5573, 0.4934,
0.3189

137.8237,
142.2429, 148.5141

■ 0.0000, 0.0000,
0.0000

171.7744,

177.5246, 185.9094

210.8876,
218.2053, 229.1076

■ 22.0683, 22.4080,
22.5641

■ 22.0683, 22.4080,
22.5641

■ 19.8935, 19.3813,
17.7605

■ 24.5219, 25.7930,
28.0743

■ 17.9858, 16.6982,
13.6335

■ 27.2619, 29.5444,
34.3167

■ 16.3350, 14.3472,
10.1530

■ 30.2980, 33.6739,
41.3174

■ 14.9301, 12.3154,
7.2859

■ 33.6386, 38.1918,
49.1006

■ 13.7588, 10.5888,
4.9964

■ 37.2921, 43.1078,
57.6897

■ 12.8078, 9.1522,
3.2447

■ 41.2665, 48.4315,
67.1069

■ 12.0626, 7.9894,
1.9863

■ 45.5692, 54.1720,
77.3737

■ 11.5065, 7.0822,
1.1689

■ 50.2078, 60.3382,
88.5106

■ 11.1071, 6.4081,
0.6515

■ 55.1894, 66.9386,
100.5376

Harmonies

Analogous

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



22.3012, 22.4080, 23.8621



22.0683, 22.4080, 22.5641



21.6303, 22.4080, 21.7783

Triad

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



22.0683, 22.4080, 22.5641



20.3624, 22.4080, 23.4643



21.4874, 22.4080, 27.3381

Complementary

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



22.0683, 22.4080, 22.5641



21.9217, 23.8319, 27.8709

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.



20.9694, 22.4080, 27.2209



22.0683, 22.4080, 22.5641



20.3256, 22.4080, 24.9429

Square

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



22.0683, 22.4080, 22.5641



20.6476, 22.4080, 22.2831



20.5461, 22.4080, 26.3297



21.9622, 22.4080, 26.6437

Rectangle

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



22.0683, 22.4080, 22.5641



21.2838, 22.4080, 21.6306



20.5461, 22.4080, 26.3297



21.3124, 22.4080, 27.3930

Sweetspot

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



22.0689, 22.4090, 22.5646



42.5459, 44.3081, 47.1866



22.4395, 21.9398, 26.4195



9.7258, 10.1024, 10.6977



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.0689, 22.4090, 22.5646



38.6265, 38.8894, 38.4191



22.9855, 24.2421, 22.8701



5.1142, 5.2113, 5.2887



10.0356, 5.8056, 0.5917



0.0757, 0.0567, 0.0069

Inverse Universe

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



21.9217, 23.8319, 27.8709



38.3100, 41.9463, 49.8203



20.9946, 21.9776, 27.5619



5.0834, 5.5097, 6.4014



9.1725, 11.6153, 23.8042



0.0714, 0.0981, 0.1616

Previews

White Background



This preview shows how the XYZ color 22.0683, 22.4080, 22.5641 looks on a white background.

Color Contrast Check

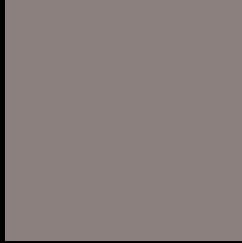
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0683, 22.4080, 22.5641 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

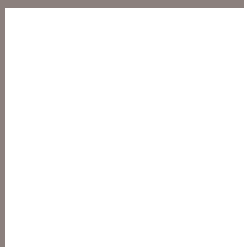
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0683, 22.4080, 22.5641

Background



This preview shows how black text looks on a background with the XYZ color 22.0683, 22.4080, 22.5641.



This preview shows how white text looks on a background with the XYZ color 22.0683, 22.4080,

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

22.0683, 22.4080, 22.5641

Protanopia

21.5800, 22.5400, 22.9519

Deuteranopia

22.8396, 22.4221, 22.5262



Tritanopia

22.8893, 22.3620, 26.4025

Trichromacy



Original Color

22.0683, 22.4080, 22.5641

Protanomaly

21.7695, 22.4411, 22.9229

Deuteranomaly

22.6187, 22.4991, 22.5527

Tritanomaly

22.5694, 22.4201, 24.9678

Monochromacy



Original Color

22.0683, 22.4080, 22.5641

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.7766, 22.6186, 23.9869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0683, 22.4080, 22.5641 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(139, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(139, 128, 125)  
}
```

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(139, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.0683, 22.4080, 22.5641 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(139, 128, 125) }
```


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

```
.border{ border-color:rgb(139, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 128, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 128, 125); box-shadow:4px 4px 4px 4px rgb(139, 128, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0683, 22.4080, 22.5641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 128, 125) }
```

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

```
.background{ background-color: rgb(139,  
128, 125) }
```

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