

Converting Colors

XYZ(22.4454, 22.2726, 23.8750)

Have a look what the booklet for
XYZ(22.4454, 22.2726, 23.8750)
contains.

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Color

**XYZ(22.4078, 22.1694,
23.8670)**

Conversions

Conversions Part 1

Format	Color
Hex	8D7E81
RGB	141, 126, 129
RGB Percent	55%, 49%, 51%
CMY	0.4471, 0.5059, 0.4941
CMYK	0.00, 0.11, 0.09, 0.45
HSL	348°, 6%, 52%
HSV	348°, 11%, 55%
XYZ	22.4078, 22.1694, 23.8670
YIQ	130.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

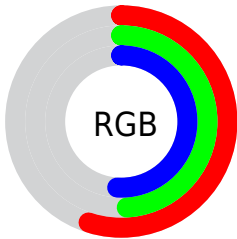
Format	Color
R_{YB}	141, 126, 129
Decimal	9272961
CIE _{Lab}	54.21, 6.27, 0.46
CIE _{LCh}	54, 6.284, 4.161
Yxy	22.1694, 0.3274, 0.3239
Android (android.graphics.Color)	4287463041 (0xFF8D7E81)
YUV	130.8270, -0.9007, 8.9217
Hunter-Lab	47.0844, 2.5517, 2.9051

Details

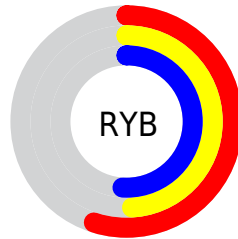
The XYZ color **22.4078, 22.1694, 23.8670** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7173, 25.3209, 27.7360**, and the grayscale version is **21.5133, 22.6337, 24.6481**.

A 20% lighter version of the original color is **47.0693, 47.2197, 50.8895**, and **8.4162, 8.1111, 8.7114** is the 20% darker color. If you saturate the color by 10%, you get **20.0215, 18.5311, 19.5738**, and if you desaturate by 10%, it is **25.1323, 26.3510, 28.6821**.

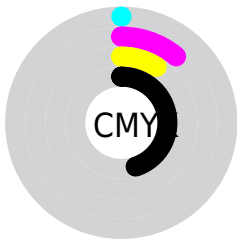
Distribution



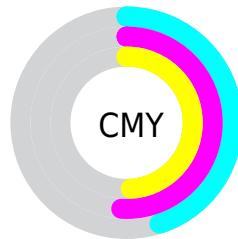
- Red (55%)
- Green (49%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (45%)



- Cyan (45%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4078, 22.1694, 23.8670 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 22.4078, 22.1694, 23.8670 by changing the saturation by 10% instead.

■ 22.4078, 22.1694,
23.8670

■ 22.4078, 22.1694,
23.8670

257.2611,
263.4296, 285.4123

■ 14.2751, 13.9814,
15.0237

■ 46.8929, 47.0258,
50.7542

■ 8.3953, 8.1077,
8.6892

■ 63.9761, 64.4631,
69.6352

■ 4.4028, 4.1640,
4.4450

■ 84.7735, 85.7522,
92.6991

■ 1.9324, 1.7657,
1.8725

109.6505,
111.2775, 120.3645

■ 0.5956, 0.4657,
0.4752

138.9723,
141.4236, 153.0500

■ 0.0000, 0.0000,
0.0000

173.1045,

176.5747, 191.1741

212.4123,
217.1152, 235.1554

■ 22.4078, 22.1694,
23.8670

■ 22.4078, 22.1694,
23.8670

■ 20.0215, 18.5311,
19.5738

■ 25.1323, 26.3510,
28.6821

■ 17.9582, 15.4111,
15.7833

■ 28.2057, 31.0940,
34.0343

■ 16.2046, 12.7865,
12.4775

■ 31.6405, 36.4191,
39.9403

■ 14.7453, 10.6317,
9.6365

■ 35.4479, 42.3453,
46.4152

■ 13.5639, 8.9188,
7.2392

■ 39.6387, 48.8904,
53.4740

■ 12.6422, 7.6169,
5.2627

■ 44.2234, 56.0718,
61.1307

■ 11.9599, 6.6911,
3.6819

■ 49.2118, 63.9060,
69.3991

■ 11.4932, 6.1006,
2.4693

■ 54.6137, 72.4090,
78.2925

■ 11.1964, 5.7475,
1.6293

■ 60.4382, 81.5962,
87.8237

Harmonies

Analogous

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



22.2749, 22.1694, 25.8145



22.4078, 22.1694, 23.8670



22.1763, 22.1694, 22.0888

Triad

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



22.4078, 22.1694, 23.8670



20.3429, 22.1694, 21.1598



20.5044, 22.1694, 27.6826

Complementary

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



22.4078, 22.1694, 23.8670



22.7173, 25.3209, 27.7360

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.



20.0038, 22.1694, 26.3117



22.4078, 22.1694, 23.8670



19.9119, 22.1694, 22.5370

Square

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



22.4078, 22.1694, 23.8670



20.9763, 22.1694, 20.5802



19.7891, 22.1694, 24.4125



21.1667, 22.1694, 28.0855

Rectangle

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



22.4078, 22.1694, 23.8670



21.8493, 22.1694, 21.2177



19.7891, 22.1694, 24.4125



20.3121, 22.1694, 27.3162

Sweetspot

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



22.4084, 22.1704, 23.8675



43.7664, 45.2809, 49.1835



22.7505, 22.2491, 28.2950



9.6913, 9.9845, 10.8372



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.



22.4084, 22.1704, 23.8675



38.9422, 37.8883, 40.6211



22.8004, 23.2685, 23.0294



5.4502, 5.4406, 5.8689



10.2138, 5.2425, 1.5113



0.1041, 0.0527, 0.0486

Inverse Universe

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



22.4084, 22.1704, 23.8675



38.9422, 37.8883, 40.6211



22.2874, 24.1089, 28.6784



5.4502, 5.4406, 5.8689



10.2138, 5.2425, 1.5113



0.1041, 0.0527, 0.0486

Previews

White Background



This preview shows how the XYZ color 22.4078, 22.1694, 23.8670 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 22.4078, 22.1694, 23.8670 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 22.4078, 22.1694, 23.8670

Background



This preview shows how black text looks on a background with the XYZ color 22.4078, 22.1694, 23.8670.



This preview shows how white text looks on a background with the XYZ color 22.4078, 22.1694,

23.8670.

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

22.4078, 22.1694, 23.8670

Protanopia

21.4627, 22.2447, 24.6352

Deuteranopia

22.5786, 22.2575, 23.8750



Tritanopia

22.8621, 22.1673, 25.9954

Trichromacy



Original Color

22.4078, 22.1694, 23.8670

Protanomaly

21.7401, 22.2009, 24.2585

Deuteranomaly

22.5786, 22.2575, 23.8750

Tritanomaly

22.7226, 22.1115, 25.2606

Monochromacy



Original Color

22.4078, 22.1694, 23.8670

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.8712, 22.4631, 24.3022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4078, 22.1694, 23.8670 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(141, 126, 129)` looks like.

```
.text, #text, p{  
    color:rgb(141, 126, 129)  
}
```

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(141, 126, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 126, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.4078, 22.1694, 23.8670 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(141, 126, 129) }
```


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

```
.border{ border-color:rgb(141, 126, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 126, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 126, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 126, 129); box-shadow:4px 4px 4px 4px rgb(141, 126, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4078, 22.1694, 23.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 126, 129) }
```

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

```
.background{ background-color: rgb(141,  
126, 129) }
```

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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