

Converting Colors

XYZ(22.7194, 21.8605, 20.8000)

Have a look what the booklet for
XYZ(22.7194, 21.8605, 20.8000)
contains.

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Color

**XYZ(22.6859, 21.8179,
20.7849)**

Conversions

Conversions Part 1

Format	Color
Hex	947B78
RGB	148, 123, 120
RGB Percent	58%, 48%, 47%
CMY	0.4196, 0.5176, 0.5294
CMYK	0.00, 0.17, 0.19, 0.42
HSL	6°, 12%, 53%
HSV	6°, 19%, 58%
XYZ	22.6859, 21.8179, 20.7849
YIQ	130.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

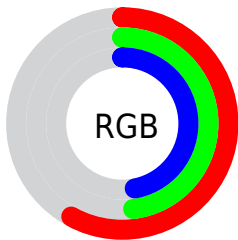
Format	Color
R_{YB}	148, 123, 120
Decimal	9730936
CIE Lab	53.83, 9.15, 5.24
CIE LCh	54, 10.544, 29.827
Yxy	21.8179, 0.3475, 0.3342
Android (android.graphics.Color)	4287921016 (0xFF947B78)
YUV	130.1330, -4.9956, 15.6694
Hunter-Lab	46.7096, 4.9519, 6.3138

Details

The XYZ color **22.6859, 21.8179, 20.7849** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.2163, 26.3814, 31.8857**, and the grayscale version is **21.2789, 22.3870, 24.3795**.

A 20% lighter version of the original color is **47.1335, 46.1951, 45.4621**, and **8.5482, 7.9068, 7.2065** is the 20% darker color. If you saturate the color by 10%, you get **20.3264, 18.4268, 15.9042**, and if you desaturate by 10%, it is **25.4067, 25.7090, 26.4715**.

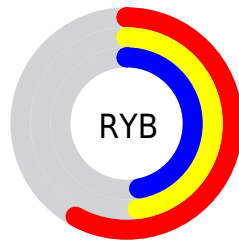
Distribution



Red (58%)

Green (48%)

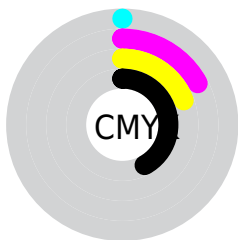
Blue (47%)



Red (58%)

Yellow (48%)

Blue (47%)

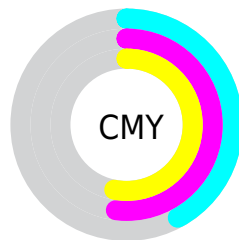


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6859, 21.8179, 20.7849 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 22.6859, 21.8179, 20.7849 by changing the saturation by 10% instead.

■ 22.6859, 21.8179,
20.7849

■ 22.6859, 21.8179,
20.7849

258.6732,
261.5938, 268.8765

■ 14.4812, 13.7232,
12.7772

■ 47.3475, 46.4448,
45.6054

■ 8.5400, 7.9284,
7.1464

■ 64.5351, 63.7458,
63.2552

■ 4.4971, 4.0491,
3.4740

■ 85.4477, 84.8844,
84.9562

■ 1.9870, 1.7011,
1.3414

110.4507,
110.2448, 111.1268

■ 0.6267, 0.4244,
0.0954

139.9093,
140.2116, 142.1856

■ 0.0000, 0.0000,
0.0000

174.1891,

175.1691, 178.5511

213.6552,
215.5017, 220.6419

■ 22.6859, 21.8179,
20.7849

■ 22.6859, 21.8179,
20.7849

■ 20.3264, 18.4268,
15.9042

■ 25.4067, 25.7090,
26.4715

■ 18.3112, 15.5126,
11.7917

■ 28.5013, 30.1162,
32.9968

■ 16.6248, 13.0548,
8.4085

■ 31.9838, 35.0583,
40.3934

■ 15.2495, 11.0301,
5.7121

■ 35.8669, 40.5527,
48.6916

■ 14.1661, 9.4135,
3.6552

■ 40.1628, 46.6155,
57.9206

■ 13.3534, 8.1770,
2.1847

■ 44.8834, 53.2625,
68.1078

■ 12.7868, 7.2893,
1.2391

■ 50.0397, 60.5089,
79.2799

■ 12.4268, 6.7098,
0.6861

■ 55.6427, 68.3690,
91.4623

■ 12.3963, 6.6628,
0.6327

■ 61.7027, 76.8569,
104.6797

Harmonies

Analogous

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



22.9938, 21.8179, 23.7748



22.6859, 21.8179, 20.7849



21.8520, 21.8179, 18.7585

Triad

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



22.6859, 21.8179, 20.7849



18.9097, 21.8179, 20.7551



20.7307, 21.8179, 30.5598

Complementary

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



22.6859, 21.8179, 20.7849



23.2163, 26.3814, 31.8857

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.



19.6611, 21.8179, 29.5705



22.6859, 21.8179, 20.7849



18.6334, 21.8179, 23.7372

Square

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



22.6859, 21.8179, 20.7849



19.6721, 21.8179, 18.7424



18.9035, 21.8179, 26.9975



21.8402, 21.8179, 29.5923

Rectangle

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



22.6859, 21.8179, 20.7849



21.1246, 21.8179, 18.1271



18.9035, 21.8179, 26.9975



20.3547, 21.8179, 30.4440

Sweetspot

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



22.6865, 21.8189, 20.7854



46.2891, 47.4450, 49.7780



24.0558, 21.7797, 29.8053



10.4974, 10.7317, 11.2171



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.



22.6865, 21.8189, 20.7854



38.0608, 35.6736, 32.5915



24.5204, 25.4868, 21.3967



5.8479, 5.9096, 6.0729



10.5992, 5.7128, 0.5440



0.1396, 0.0896, 0.0099

Inverse Universe

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



23.2163, 26.3814, 31.8857



39.1826, 45.3426, 56.1214



21.2345, 22.4179, 31.2251



5.9116, 6.4571, 7.4045



11.6403, 15.9755, 26.4011



0.1547, 0.2200, 0.3272

Previews

White Background



This preview shows how the XYZ color 22.6859, 21.8179, 20.7849 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 22.6859, 21.8179, 20.7849 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 22.6859, 21.8179, 20.7849

Background



This preview shows how black text looks on a background with the XYZ color 22.6859, 21.8179, 20.7849.



This preview shows how white text looks on a background with the XYZ color 22.6859, 21.8179,

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

22.6859, 21.8179, 20.7849

Protanopia

20.8100, 21.7739, 21.8449

Deuteranopia

22.2749, 21.7911, 20.8014



Tritanopia

23.3285, 21.7030, 24.4323

Trichromacy



Original Color

22.6859, 21.8179, 20.7849

Protanomaly

21.4549, 21.7301, 21.4759

Deuteranomaly

22.4519, 21.8824, 20.8097

Tritanomaly

23.1847, 21.8409, 23.0724

Monochromacy



Original Color

22.6859, 21.8179, 20.7849

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6718, 22.0035, 22.8435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6859, 21.8179, 20.7849 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, 123, 120)` looks like.

```
.text, #text, p{  
    color:rgb(148, 123, 120)  
}
```

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, 123, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 123, 120) }
```

Border

The CSS property to change the border of an element to XYZ 22.6859, 21.8179, 20.7849 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, 123, 120) }
```


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

```
.border{ border-color:rgb(148, 123, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 123, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 123, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 123, 120);  
box-shadow:4px 4px 4px 4px rgb(148, 123,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6859, 21.8179, 20.7849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 123, 120) }
```

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

```
.background{ background-color: rgb(148,  
123, 120) }
```

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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