

Converting Colors

XYZ(24.7717, 23.0561, 21.8363)

Have a look what the booklet for
XYZ(24.7717, 23.0561, 21.8363)
contains.

XYZ(24.6874, 23.0135, 21.8798)	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(24.6874, 23.0135,
21.8798)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7C7B
RGB	157, 124, 123
RGB Percent	62%, 49%, 48%
CMY	0.3843, 0.5137, 0.5176
CMYK	0.00, 0.21, 0.22, 0.38
HSL	2°, 15%, 55%
HSV	2°, 22%, 62%
XYZ	24.6874, 23.0135, 21.8798
YIQ	133.7530, 19.9890, 6.6850

Conversions

Conversions Part 2

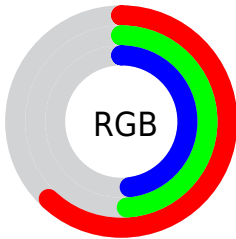
Format	Color
R_{YB}	157, 124, 123
Decimal	10321019
CIE _{Lab}	55.09, 12.61, 5.42
CIE _{LCh}	55, 13.726, 23.245
Yxy	23.0135, 0.3548, 0.3307
Android (android.graphics.Color)	4288511099 (0xFF9D7C7B)
YUV	133.7530, -5.3012, 20.3876
Hunter-Lab	47.9724, 7.9074, 6.5390

Details

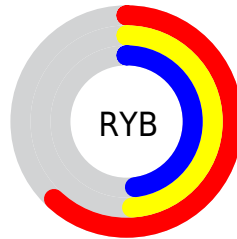
The XYZ color **24.6874, 23.0135, 21.8798** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.1423, 30.4212, 36.3923**, and the grayscale version is **22.5836, 23.7597, 25.8743**.

A 20% lighter version of the original color is **50.6114, 48.5365, 47.2584**, and **9.5778, 8.5298, 7.6202** is the 20% darker color. If you saturate the color by 10%, you get **22.0182, 19.1237, 16.5239**, and if you desaturate by 10%, it is **27.8106, 27.5586, 28.1653**.

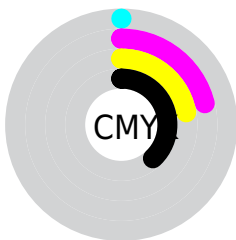
Distribution



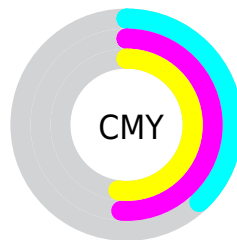
- Red (62%)
- Green (49%)
- Blue (48%)



- Red (62%)
- Yellow (49%)
- Blue (48%)



- Cyan (0%)
- Magenta (21%)
- Yellow (22%)
- Black (38%)



- Cyan (38%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6874, 23.0135, 21.8798 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 24.6874, 23.0135, 21.8798 by changing the saturation by 10% instead.

■ 24.6874, 23.0135,
21.8798

■ 24.6874, 23.0135,
21.8798

268.6540,
267.7943, 274.8509

■ 15.9718, 14.6035,
13.5711

■ 50.5962, 48.4155,
47.4469

■ 9.5949, 8.5416,
7.6877

■ 68.5201, 66.1763,
65.5424

■ 5.1914, 4.4434,
3.8109

■ 90.2441, 87.8227,
87.7373

■ 2.3959, 1.9246,
1.5222

116.1337,
113.7393, 114.4500

■ 0.8431, 0.5631,
0.2344

146.5541,
144.3103, 146.0992

■ 0.0000, 0.0000,
0.0000

181.8707,

179.9202, 183.1034

222.4489,
220.9534, 225.8811

■ 24.6874, 23.0135,
21.8798

■ 24.6874, 23.0135,
21.8798

■ 22.0182, 19.1237,
16.5239

■ 27.8106, 27.5586,
28.1653

■ 19.7801, 15.8561,
12.0520

■ 31.4054, 32.7838,
35.4199

■ 17.9510, 13.1792,
8.4172

■ 35.4911, 38.7167,
43.6828

■ 16.5062, 11.0578,
5.5673

■ 40.0852, 45.3823,
52.9905

■ 15.4184, 9.4530,
3.4445

■ 45.2041, 52.8044,
63.3776

■ 14.6563, 8.3206,
1.9831

■ 50.8639, 61.0057,
74.8773

■ 14.1838, 7.6092,
1.1053

■ 57.0797, 70.0081,
87.5212

■ 13.9549, 7.2687,
0.6675

■ 63.8661, 79.8323,
101.3397

■ 67.7146, 85.9081,
107.6207

Harmonies

Analogous

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



24.9247, 23.0135, 26.0612



24.6874, 23.0135, 21.8798



23.6803, 23.0135, 18.8996

Triad

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



24.6874, 23.0135, 21.8798



19.6019, 23.0135, 20.3500



21.5297, 23.0135, 34.3827

Complementary

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



24.6874, 23.0135, 21.8798



26.1423, 30.4212, 36.3923

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.



20.1613, 23.0135, 32.4265



24.6874, 23.0135, 21.8798



19.0823, 23.0135, 24.0805

Square

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



24.6874, 23.0135, 21.8798



20.7338, 23.0135, 18.0909



19.2822, 23.0135, 28.5295



23.0545, 23.0135, 33.6167

Rectangle

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



24.6874, 23.0135, 21.8798



22.7321, 23.0135, 17.8298



19.2822, 23.0135, 28.5295



21.0371, 23.0135, 34.0148

Sweetspot

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



24.6880, 23.0146, 21.8803



53.2659, 54.3850, 57.4198



27.0252, 23.7493, 34.8049



11.6373, 11.8456, 12.4662



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6880, 23.0146, 21.8803



41.7982, 37.6977, 34.3345



26.9410, 27.5205, 22.6313



6.6480, 6.6759, 6.9239



11.3388, 5.9133, 0.5438



0.2068, 0.1139, 0.0111

Inverse Universe

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



26.1423, 30.4212, 36.3923



44.8769, 53.3806, 65.0650



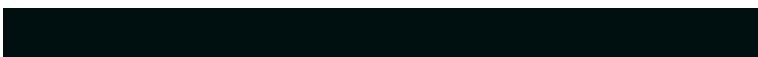
23.5499, 25.2365, 35.5282



6.8051, 7.4759, 8.4910



14.1156, 20.3228, 29.0860



0.2571, 0.3727, 0.5216

Previews

White Background



This preview shows how the XYZ color 24.6874, 23.0135, 21.8798 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 24.6874, 23.0135, 21.8798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

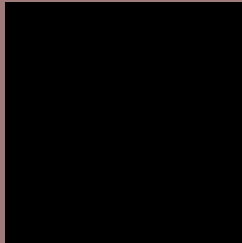
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6874, 23.0135, 21.8798

Background



This preview shows how black text looks on a background with the XYZ color 24.6874, 23.0135, 21.8798.



This preview shows how white text looks on a background with the XYZ color 24.6874, 23.0135,

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

24.6874, 23.0135, 21.8798

Protanopia

22.2354, 23.2691, 23.3981

Deuteranopia

23.3150, 22.8798, 21.5998



Tritanopia

25.3484, 23.1010, 24.9527

Trichromacy



Original Color

24.6874, 23.0135, 21.8798

Protanomaly

23.1178, 23.1362, 22.9860

Deuteranomaly

23.7362, 22.9062, 21.5827

Tritanomaly

25.1460, 23.0200, 23.8868

Monochromacy



Original Color

24.6874, 23.0135, 21.8798

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.1672, 23.3278, 24.4008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6874, 23.0135, 21.8798 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(157, 124, 123)` looks like.

```
.text, #text, p{  
    color:rgb(157, 124, 123)  
}
```

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(157, 124, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 124, 123) }
```

Border

The CSS property to change the border of an element to XYZ 24.6874, 23.0135, 21.8798 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(157, 124, 123) }
```


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

```
.border{ border-color:rgb(157, 124, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 124, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 124, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 124, 123);  
box-shadow:4px 4px 4px 4px rgb(157, 124,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6874, 23.0135, 21.8798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 124, 123) }
```

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

```
.background{ background-color: rgb(157,  
124, 123) }
```

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