

Converting Colors

XYZ(24.7393, 24.8098, 23.8272)

Have a look what the booklet for
XYZ(24.7393, 24.8098, 23.8272)
contains.

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Color

**XYZ(24.6782, 24.7231,
23.8934)**

Conversions

Conversions Part 1

Format	Color
Hex	958580
RGB	149, 133, 128
RGB Percent	58%, 52%, 50%
CMY	0.4157, 0.4784, 0.4980
CMYK	0.00, 0.11, 0.14, 0.42
HSL	14°, 9%, 54%
HSV	14°, 14%, 58%
XYZ	24.6782, 24.7231, 23.8934
YIQ	137.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

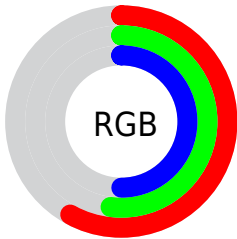
Format	Color
RYB	149, 135, 128
Decimal	9799040
CIELab	56.80, 5.17, 4.89
CIELCh	57, 7.114, 43.437
Yxy	24.7231, 0.3367, 0.3373
Android (android.graphics.Color)	4287989120 (0xFF958580)
YUV	137.2140, -4.5425, 10.3363
Hunter-Lab	49.7223, 1.5791, 6.3146

Details

The XYZ color **24.6782, 24.7231, 23.8934** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3000, 26.7050, 32.3078**, and the grayscale version is **23.8730, 25.1163, 27.3516**.

A 20% lighter version of the original color is **50.5280, 51.1505, 50.9260**, and **9.6186, 9.5018, 8.7242** is the 20% darker color. If you saturate the color by 10%, you get **22.2979, 21.4182, 18.6115**, and if you desaturate by 10%, it is **27.3719, 28.4237, 29.9910**.

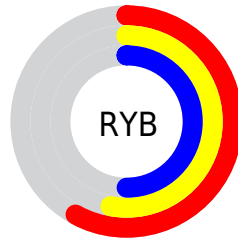
Distribution



Red (58%)

Green (52%)

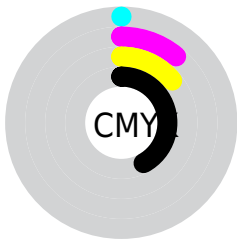
Blue (50%)



Red (58%)

Yellow (53%)

Blue (50%)

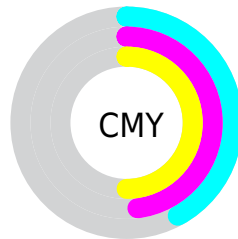


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6782, 24.7231, 23.8934 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 24.6782, 24.7231, 23.8934 by changing the saturation by 10% instead.

■ 24.6782, 24.7231,
23.8934

■ 24.6782, 24.7231,
23.8934

268.6088,
276.4561, 285.5503

■ 15.9649, 15.8709,
15.0431

■ 50.5814, 51.2077,
50.7978

■ 9.5900, 9.4328,
8.7027

■ 68.5019, 69.6088,
69.6891

■ 5.1882, 5.0246,
4.4536

■ 90.2223, 91.9616,
92.7643

■ 2.3940, 2.2617,
1.8773

116.1079,
118.6507, 120.4422

■ 0.8421, 0.7533,
0.4783

146.5239,
150.0602, 153.1411

■ 0.0000, 0.0000,
0.0000

181.8359,

186.5747, 191.2798

222.4091,
228.5786, 235.2767

■ 24.6782, 24.7231,
23.8934

■ 24.6782, 24.7231,
23.8934

■ 22.2979, 21.4182,
18.6115

■ 27.3719, 28.4237,
29.9910

■ 20.2173, 18.4926,
14.1089

■ 30.3879, 32.5292,
36.9352

■ 18.4248, 15.9335,
10.3490

■ 33.7372, 37.0527,
44.7574

■ 16.9073, 13.7262,
7.2915

■ 37.4298, 42.0056,
53.4869

■ 15.6505, 11.8549,
4.8922

■ 41.4752, 47.3988,
63.1516

■ 14.6388, 10.3027,
3.1020

■ 45.8825, 53.2430,
73.7782

■ 13.8546, 9.0510,
1.8647

■ 50.6606, 59.5484,
85.3924

■ 13.2778, 8.0791,
1.1123

■ 55.8179, 66.3250,
98.0187

■ 13.0103, 7.6211,
0.7853

■ 60.1979, 73.1163,
105.5478

Harmonies

Analogous

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



25.0875, 24.7231, 25.8696



24.6782, 24.7231, 23.8934



23.9571, 24.7231, 22.7663

Triad

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



24.6782, 24.7231, 23.8934



21.9998, 24.7231, 25.6355



23.8719, 24.7231, 31.6207

Complementary

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



24.6782, 24.7231, 23.8934



24.3000, 26.7050, 32.3078

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.



23.0459, 24.7231, 31.5489



24.6782, 24.7231, 23.8934



21.9782, 24.7231, 27.9969

Square

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



24.6782, 24.7231, 23.8934



22.4168, 24.7231, 23.7308



22.3571, 24.7231, 30.1904



24.6146, 24.7231, 30.3813

Rectangle

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



24.6782, 24.7231, 23.8934



23.4029, 24.7231, 22.6042



22.3571, 24.7231, 30.1904



23.5945, 24.7231, 31.7512

Sweetspot

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



24.6789, 24.7242, 23.8939



49.0256, 50.9116, 53.7241



25.1555, 23.8449, 29.7026



10.7860, 11.1750, 11.7263



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.



24.6789, 24.7242, 23.8939



42.7497, 42.2764, 39.5578



26.1736, 27.7136, 24.3921



5.9063, 6.0264, 6.0924



10.9701, 6.4546, 0.6677



0.1541, 0.1186, 0.0148

Inverse Universe

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



24.3000, 26.7050, 32.3078



41.9323, 46.5452, 57.6953



22.7971, 23.6993, 31.8068



5.8482, 6.3305, 7.3834



9.6067, 11.9082, 25.7232



0.1402, 0.1910, 0.3224

Previews

White Background



This preview shows how the XYZ color 24.6782, 24.7231, 23.8934 looks on a white background.

Color Contrast Check

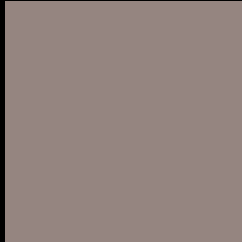
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6782, 24.7231, 23.8934 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 24.6782, 24.7231, 23.8934

Background



This preview shows how black text looks on a background with the XYZ color 24.6782, 24.7231, 23.8934.



This preview shows how white text looks on a background with the XYZ color 24.6782, 24.7231,

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

24.6782, 24.7231, 23.8934

Protanopia

23.6486, 24.7955, 24.6587

Deuteranopia

25.2844, 24.8333, 23.8828



Tritanopia

25.6865, 24.7350, 28.6198

Trichromacy



Original Color

24.6782, 24.7231, 23.8934

Protanomaly

23.9541, 24.7526, 24.2841

Deuteranomaly

25.0964, 24.7364, 23.8740

Tritanomaly

25.2729, 24.7641, 26.7405

Monochromacy



Original Color

24.6782, 24.7231, 23.8934

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0917, 24.9923, 26.1085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6782, 24.7231, 23.8934 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(149, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(149, 133, 128)  
}
```

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(149, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 133, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.6782, 24.7231, 23.8934 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(149, 133, 128) }
```


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

```
.border{ border-color:rgb(149, 133, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(149, 133,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6782, 24.7231, 23.8934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 133, 128) }
```

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

```
.background{ background-color: rgb(149,  
133, 128) }
```

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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