

Converting Colors

XYZ(24.8578, 25.0925, 23.9211)

Have a look what the booklet for
XYZ(24.8578, 25.0925, 23.9211)
contains.

XYZ(24.8158, 24.9983, 23.9393)	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(24.8158, 24.9983,
23.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	958680
RGB	149, 134, 128
RGB Percent	58%, 53%, 50%
CMY	0.4157, 0.4745, 0.4980
CMYK	0.00, 0.10, 0.14, 0.42
HSL	17°, 9%, 54%
HSV	17°, 14%, 58%
XYZ	24.8158, 24.9983, 23.9393
YIQ	137.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

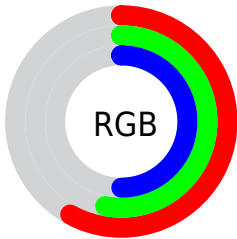
Format	Color
RYB	149, 136, 128
Decimal	9799296
CIELab	57.07, 4.60, 5.28
CIELCh	57, 7.000, 48.944
Yxy	24.9983, 0.3365, 0.3389
Android (android.graphics.Color)	4287989376 (0xFF958680)
YUV	137.8010, -4.8319, 9.8215
Hunter-Lab	49.9983, 1.0984, 6.6106

Details

The XYZ color **24.8158, 24.9983, 23.9393** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1492, 26.4034, 32.2575**, and the grayscale version is **24.0971, 25.3521, 27.6084**.

A 20% lighter version of the original color is **50.7394, 51.5734, 50.9965**, and **9.6186, 9.5018, 8.7242** is the 20% darker color. If you saturate the color by 10%, you get **22.5089, 21.8403, 18.6819**, and if you desaturate by 10%, it is **27.4161, 28.5121, 30.0057**.

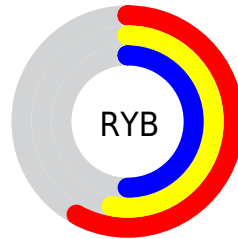
Distribution



Red (58%)

Green (53%)

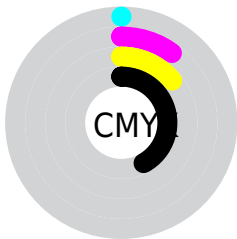
Blue (50%)



Red (58%)

Yellow (53%)

Blue (50%)

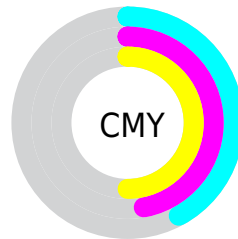


Cyan (0%)

Magenta (10%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (47%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8158, 24.9983, 23.9393 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 24.8158, 24.9983, 23.9393 by changing the saturation by 10% instead.

■ 24.8158, 24.9983,
23.9393

■ 24.8158, 24.9983,
23.9393

269.2840,
277.8295, 285.7901

■ 16.0679, 16.0758,
15.0768

■ 50.8033, 51.6545,
50.8737

■ 9.6633, 9.5778,
8.7261

■ 68.7736, 70.1569,
69.7827

■ 5.2369, 5.1199,
4.4686

■ 90.5487, 92.6215,
92.8777

■ 2.4231, 2.3178,
1.8858

116.4939,
119.4325, 120.5771

■ 0.8566, 0.7831,
0.4837

146.9747,
150.9744, 153.2995

■ 0.0000, 0.0000,
0.0000

182.3565,

187.6316, 191.4634

223.0044,
229.7885, 235.4875

■ 24.8158, 24.9983,
23.9393

■ 24.8158, 24.9983,
23.9393

■ 22.5089, 21.8403,
18.6819

■ 27.4161, 28.5121,
30.0057

■ 20.4828, 19.0237,
14.1975

■ 30.3178, 32.3892,
36.9119

■ 18.7269, 16.5376,
10.4497

■ 33.5312, 36.6407,
44.6888

■ 17.2291, 14.3697,
7.3988

■ 37.0654, 41.2767,
53.3655

■ 15.9763, 12.5065,
5.0008

■ 40.9290, 46.3064,
62.9696

■ 14.9543, 10.9338,
3.2072

■ 45.1306, 51.7391,
73.5276

■ 14.1470, 9.6358,
1.9622

■ 49.6781, 57.5835,
85.0649

■ 13.5359, 8.5953,
1.1984

■ 54.5795, 63.8482,
97.6060

■ 13.2437, 8.0879,
0.8631

■ 58.6775, 70.0755,
105.0410

Harmonies

Analogous

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



25.2901, 24.9983, 25.7725



24.8158, 24.9983, 23.9393



24.0652, 24.9983, 23.0048

Triad

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



24.8158, 24.9983, 23.9393



22.2391, 24.9983, 26.3581



24.2781, 24.9983, 31.7392

Complementary

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



24.8158, 24.9983, 23.9393



24.1492, 26.4034, 32.2575

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.



23.4577, 24.9983, 31.9185



24.8158, 24.9983, 23.9393



22.2931, 24.9983, 28.7184

Square

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



24.8158, 24.9983, 23.9393



22.5856, 24.9983, 24.3467



22.7348, 24.9983, 30.7851



24.9747, 24.9983, 30.3086

Rectangle

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



24.8158, 24.9983, 23.9393



23.5147, 24.9983, 22.9789



22.7348, 24.9983, 30.7851



24.0073, 24.9983, 31.9508

Sweetspot

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



24.8165, 24.9994, 23.9398



49.1045, 51.0694, 53.7504



25.0756, 23.8129, 29.2814



10.8064, 11.2157, 11.7331



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.



24.8165, 24.9994, 23.9398



43.0427, 42.8625, 39.6554



26.3325, 28.0314, 24.4452



5.9278, 6.0694, 6.0995



11.1692, 6.8527, 0.7340



0.1593, 0.1291, 0.0165

Inverse Universe

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



24.1492, 26.4034, 32.2575



41.6037, 45.8879, 57.5858



22.6533, 23.4116, 31.7589



5.8255, 6.2849, 7.3758



8.9651, 10.6249, 25.5093



0.1349, 0.1805, 0.3206

Previews

White Background



This preview shows how the XYZ color 24.8158, 24.9983, 23.9393 looks on a white background.

Color Contrast Check

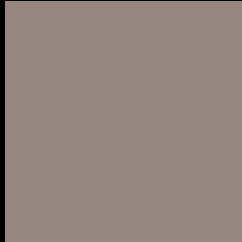
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8158, 24.9983, 23.9393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

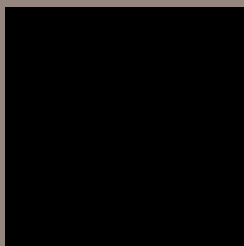
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.8158, 24.9983, 23.9393

Background



This preview shows how black text looks on a background with the XYZ color 24.8158, 24.9983, 23.9393.



This preview shows how white text looks on a background with the XYZ color 24.8158, 24.9983, 23.9393.

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

24.8158, 24.9983, 23.9393

Protanopia

23.8926, 25.1390, 24.3619

Deuteranopia

25.4740, 24.9311, 23.8916



Tritanopia

25.8962, 25.0348, 29.0585

Trichromacy



Original Color

24.8158, 24.9983, 23.9393

Protanomaly

24.2682, 25.1226, 24.3390

Deuteranomaly

25.2327, 25.0090, 23.9194

Tritanomaly

25.4806, 25.0652, 27.1620

Monochromacy



Original Color

24.8158, 24.9983, 23.9393

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.4041, 25.3633, 26.1636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8158, 24.9983, 23.9393 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, 134, 128)` looks like.

```
.text, #text, p{  
    color:rgb(149, 134, 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, 134, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 134, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.8158, 24.9983, 23.9393 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, 134, 128) }
```


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

```
.border{ border-color:rgb(149, 134, 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, 134, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 134, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 134, 128);  
box-shadow:4px 4px 4px 4px rgb(149, 134,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8158, 24.9983, 23.9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 134, 128) }
```

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

```
.background{ background-color: rgb(149,  
134, 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](#).

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