

Converting Colors

XYZ(23.2813, 24.6824, 26.8847)

Have a look what the booklet for
XYZ(23.2813, 24.6824, 26.8847)
contains.

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Color

**XYZ(23.3813, 24.8198,
26.8509)**

Conversions

Conversions Part 1

Format	Color
Hex	878988
RGB	135, 137, 136
RGB Percent	53%, 54%, 53%
CMY	0.4706, 0.4627, 0.4667
CMYK	0.01, 0.00, 0.01, 0.46
HSL	150°, 1%, 53%
HSV	150°, 1%, 54%
XYZ	23.3813, 24.8198, 26.8509
YIQ	136.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

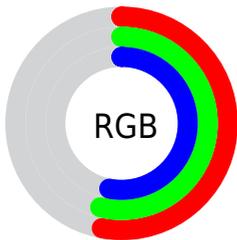
Format	Color
R_{YB}	135, 136, 137
Decimal	8882568
CIE _{Lab}	56.90, -0.93, 0.27
CIE _{LCh}	57, 0.970, 163.848
Yxy	24.8198, 0.3115, 0.3307
Android (android.graphics.Color)	4287072648 (0xFF878988)
YUV	136.2880, -0.1420, -1.1296
Hunter-Lab	49.8195, -3.4104, 2.9185

Details

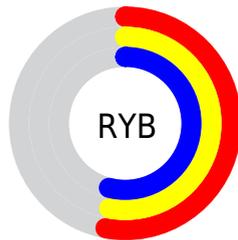
The XYZ color **23.3813, 24.8198, 26.8509** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4254, 24.4246, 26.7737**, and the grayscale version is **23.5111, 24.7355, 26.9369**.

A 20% lighter version of the original color is **48.3378, 51.1924, 55.4776**, and **8.8342, 9.4196, 10.1566** is the 20% darker color. If you saturate the color by 10%, you get **20.8454, 23.5677, 24.2686**, and if you desaturate by 10%, it is **26.2335, 26.2327, 29.6119**.

Distribution



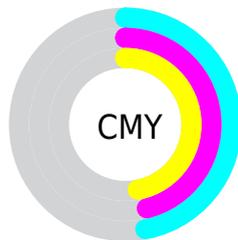
- Red (53%)
- Green (54%)
- Blue (53%)



- Red (53%)
- Yellow (53%)
- Blue (54%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3813, 24.8198, 26.8509 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 23.3813, 24.8198, 26.8509 by changing the saturation by 10% instead.

■ 23.3813, 24.8198,
26.8509

■ 23.3813, 24.8198,
26.8509

262.1763,
276.9393, 300.6718

■ 14.9976, 15.9429,
17.2298

■ 48.4807, 51.3647,
55.6453

■ 8.9040, 9.4837,
10.2348

■ 65.9271, 69.8015,
75.6558

■ 4.7352, 5.0580,
5.4473

■ 87.1251, 92.1937,
99.9665

■ 2.1259, 2.2813,
2.4487

112.4400,
118.9257, 128.9959

■ 0.7032, 0.7638,
0.8128

142.2373,
150.3818, 163.1626

■ 0.0000, 0.0000,
0.0000

176.8822,

186.9465, 202.8851

216.7401,
229.0043, 248.5820

■ 23.3813, 24.8198,
26.8509

■ 23.3813, 24.8198,
26.8509

■ 20.8454, 23.5677,
24.2686

■ 26.2335, 26.2327,
29.6119

■ 18.6124, 22.4676,
21.8599

■ 29.4107, 27.8088,
32.5534

■ 16.6709, 21.5142,
19.6216

■ 32.9237, 29.5543,
35.6794

■ 15.0082, 20.7012,
17.5499

■ 36.7822, 31.4741,
38.9930

■ 13.6103, 20.0214,
15.6408

■ 40.9958, 33.5731,
42.4975

■ 12.4623, 19.4671,
13.8903

■ 45.5733, 35.8557,
46.1958

■ 11.5474, 19.0299,
12.2939

■ 50.5234, 38.3265,
50.0911

■ 10.8469, 18.7000,
10.8472

■ 55.8545, 40.9897,
54.1863

■ 10.3386, 18.4663,
9.5453

■ 60.3486, 43.2173,
58.4269

Harmonies

Analogous

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



23.4395, 24.8198, 26.5759



23.3813, 24.8198, 26.8509



23.3790, 24.8198, 27.1745

Triad

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



23.3813, 24.8198, 26.8509



23.6428, 24.8198, 27.6365



23.7483, 24.8198, 26.5935

Complementary

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



23.3813, 24.8198, 26.8509



23.4254, 24.4246, 26.7737

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.



23.8032, 24.8198, 26.8751



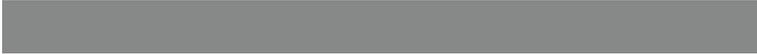
23.3813, 24.8198, 26.8509



23.7421, 24.8198, 27.4782

Square

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



23.3813, 24.8198, 26.8509



23.5298, 24.8198, 27.6298



23.8009, 24.8198, 27.1989



23.6513, 24.8198, 26.4281

Rectangle

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



23.3813, 24.8198, 26.8509



23.4095, 24.8198, 27.3745



23.8009, 24.8198, 27.1989



23.7723, 24.8198, 26.6776

Sweetspot

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



23.3820, 24.8209, 26.8514



42.5813, 44.7988, 48.7859



23.4785, 24.8788, 26.4868



9.5508, 10.0482, 10.9424



65.7814, 69.2071, 75.3665

Same Dimension

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



23.3820, 24.8209, 26.8514



41.5907, 44.3089, 47.8053



23.4512, 24.8485, 27.2159



5.5145, 5.8672, 6.3364



9.3225, 17.0616, 7.9889



0.0693, 0.1163, 0.0919

Inverse Universe

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



23.4254, 24.4246, 26.7737



41.6991, 43.3200, 47.6113



23.3568, 24.3972, 26.4125



5.5274, 5.7499, 6.3134



10.6047, 5.3520, 5.6886



0.0778, 0.0385, 0.0767

Previews

White Background



This preview shows how the XYZ color 23.3813, 24.8198, 26.8509 looks on a white background.

Color Contrast Check

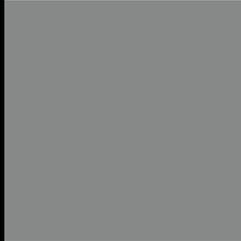
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3813, 24.8198, 26.8509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

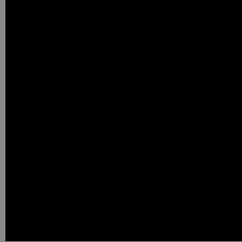
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

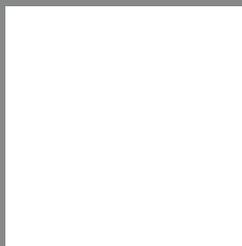
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3813, 24.8198, 26.8509

Background



This preview shows how black text looks on a background with the XYZ color 23.3813, 24.8198, 26.8509.



This preview shows how white text looks on a background with the XYZ color 23.3813, 24.8198,

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

23.3813, 24.8198, 26.8509

Protanopia

23.8248, 24.8466, 26.4618

Deuteranopia

25.1610, 24.6982, 27.1080



Tritanopia

24.1688, 24.7216, 30.6920

Trichromacy



Original Color

23.3813, 24.8198, 26.8509

Protanomaly

23.6586, 24.7609, 26.4541

Deuteranomaly

24.5421, 24.7856, 27.1575

Tritanomaly

23.8400, 24.7956, 29.1207

Monochromacy



Original Color

23.3813, 24.8198, 26.8509

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4014, 24.6201, 26.8113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3813, 24.8198, 26.8509 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(135, 137, 136) looks like.

```
.text, #text, p{  
    color:rgb(135, 137, 136)  
}
```

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(135, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 137, 136) }
```

Border

The CSS property to change the border of an element to XYZ 23.3813, 24.8198, 26.8509 is called "border". The border property can be set on classes, ids or directly on the HTML element.

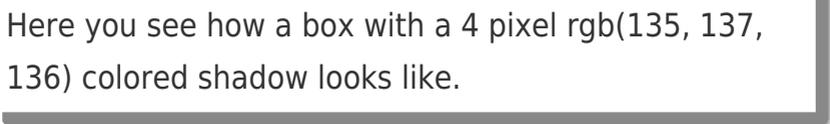
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 137, 136) }
```

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

```
.border{ border-color:rgb(135, 137, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 137, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 137, 136); box-shadow:4px 4px 4px 4px rgb(135, 137, 136) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3813, 24.8198, 26.8509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 137, 136) }
```

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

```
.background{ background-color: rgb(135,  
137, 136) }
```

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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