

Converting Colors

XYZ(24.3294, 25.8558, 26.5511)

Have a look what the booklet for
XYZ(24.3294, 25.8558, 26.5511)
contains.

XYZ(24.3987, 25.9944, 26.6531)	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(24.3987, 25.9944,
26.6531)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8C87
RGB	139, 140, 135
RGB Percent	55%, 55%, 53%
CMY	0.4549, 0.4510, 0.4706
CMYK	0.01, 0.00, 0.04, 0.45
HSL	72°, 2%, 54%
HSV	72°, 4%, 55%
XYZ	24.3987, 25.9944, 26.6531
YIQ	139.1310, 1.0090, -1.7670

Conversions

Conversions Part 2

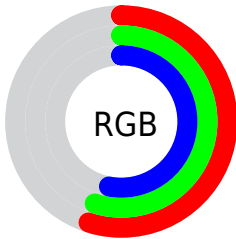
Format	Color
R_{YB}	135, 140, 136
Decimal	9145479
CIE Lab	58.03, -1.33, 2.53
CIE LCh	58, 2.860, 117.766
Yxy	25.9944, 0.3167, 0.3374
Android (android.graphics.Color)	4287335559 (0xFF8B8C87)
YUV	139.1310, -2.0366, -0.1149
Hunter-Lab	50.9847, -3.8022, 4.6945

Details

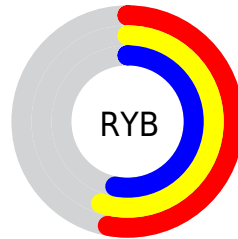
The XYZ color **24.3987, 25.9944, 26.6531** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.5519, 24.4563, 28.2915**, and the grayscale version is **24.5990, 25.8800, 28.1834**.

A 20% lighter version of the original color is **50.1071, 53.4209, 55.2473**, and **9.4157, 10.0921, 10.0460** is the 20% darker color. If you saturate the color by 10%, you get **23.0148, 25.3882, 21.7768**, and if you desaturate by 10%, it is **25.9258, 26.6609, 32.2139**.

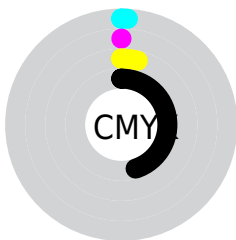
Distribution



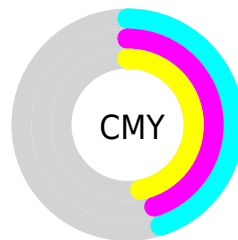
- Red (55%)
- Green (55%)
- Blue (53%)



- Red (53%)
- Yellow (55%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3987, 25.9944, 26.6531 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 24.3987, 25.9944, 26.6531 by changing the saturation by 10% instead.

■ 24.3987, 25.9944,
26.6531

■ 24.3987, 25.9944,
26.6531

267.2332,
282.7546, 299.6804

■ 15.7560, 16.8195,
17.0827

■ 50.1300, 53.2659,
55.3237

■ 9.4414, 10.1058,
10.1309

■ 67.9493, 72.1313,
75.2609

■ 5.0896, 5.4692,
5.3791

■ 89.5581, 94.9955,
99.4909

■ 2.3352, 2.5251,
2.4088

115.3219,
122.2431, 128.4321

■ 0.8126, 0.8892,
0.7912

145.6059,
154.2584, 162.5032

■ 0.0000, 0.0000,
0.0000

180.7756,

191.4259, 202.1225

221.1962,
234.1298, 247.7087

■ 24.3987, 25.9944,
26.6531

■ 24.3987, 25.9944,
26.6531

■ 23.0148, 25.3882,
21.7768

■ 25.9258, 26.6609,
32.2139

■ 21.7667, 24.8369,
17.5568

■ 27.5986, 27.3863,
38.4826

■ 20.6498, 24.3395,
13.9655

■ 29.4226, 28.1735,
45.4833

■ 19.6582, 23.8935,
10.9729

■ 31.4021, 29.0244,
53.2388

■ 18.7857, 23.4965,
8.5461

■ 33.5413, 29.9405,
61.7706

■ 18.0253, 23.1457,
6.6494

■ 35.8442, 30.9236,
71.0996

■ 17.3693, 22.8380,
5.2429

■ 38.3148, 31.9752,
81.2458

■ 16.8091, 22.5699,
4.2810

■ 40.9567, 33.0968,
92.2284

■ 16.3341, 22.3372,
3.7090

■ 42.7916, 33.8971,
98.8952

Harmonies

Analogous

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



24.7328, 25.9944, 26.4446



24.3987, 25.9944, 26.6531



24.1492, 25.9944, 27.3007

Triad

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



24.3987, 25.9944, 26.6531



24.3542, 25.9944, 29.9436



25.3767, 25.9944, 28.3777

Complementary

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



24.3987, 25.9944, 26.6531



23.5519, 24.4563, 28.2915

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.



25.2731, 25.9944, 29.3305



24.3987, 25.9944, 26.6531



24.6810, 25.9944, 30.2475

Square

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



24.3987, 25.9944, 26.6531



24.1237, 25.9944, 29.1991



25.0177, 25.9944, 30.0206



25.2994, 25.9944, 27.4264

Rectangle

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



24.3987, 25.9944, 26.6531



24.0633, 25.9944, 27.9022



25.0177, 25.9944, 30.0206



25.3619, 25.9944, 28.7086

Sweetspot

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



24.3994, 25.9955, 26.6537



43.6777, 46.1184, 49.3746



23.9934, 24.9338, 26.4701



10.0684, 10.6286, 11.3917



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.3994, 25.9955, 26.6537



42.8843, 45.7718, 46.5209



23.9869, 25.7828, 26.6344



5.4800, 5.8589, 5.9052



14.2793, 19.7312, 3.0559



0.1064, 0.1370, 0.0208

Inverse Universe

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



23.5519, 24.4563, 28.2915



41.1821, 42.6802, 49.8105



23.9626, 24.6680, 28.3107



5.2366, 5.4170, 6.3754



4.6470, 1.9097, 22.1694



0.0407, 0.0178, 0.1477

Previews

White Background



This preview shows how the XYZ color 24.3987, 25.9944, 26.6531 looks on a white background.

Color Contrast Check

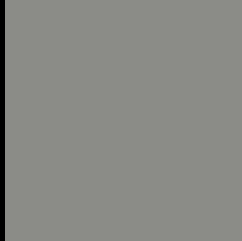
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3987, 25.9944, 26.6531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

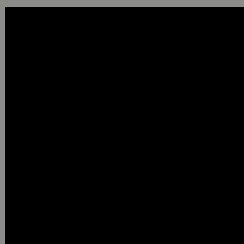
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

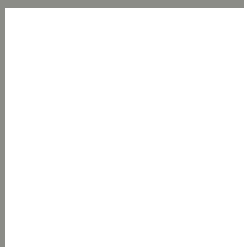
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3987, 25.9944, 26.6531

Background



This preview shows how black text looks on a background with the XYZ color 24.3987, 25.9944, 26.6531.



This preview shows how white text looks on a background with the XYZ color 24.3987, 25.9944,

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

24.3987, 25.9944, 26.6531

Protanopia

24.8634, 26.0261, 26.2674

Deuteranopia

26.4343, 25.9755, 26.9131



Tritanopia

25.4978, 26.0096, 32.1102

Trichromacy



Original Color

24.3987, 25.9944, 26.6531

Protanomaly

24.6910, 25.9373, 26.2593

Deuteranomaly

25.7840, 26.0585, 26.9634

Tritanomaly

25.0819, 26.0543, 30.0926

Monochromacy



Original Color

24.3987, 25.9944, 26.6531

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4675, 25.7892, 27.7330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3987, 25.9944, 26.6531 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(139, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(139, 140, 135)  
}
```

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(139, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 140, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.3987, 25.9944, 26.6531 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(139, 140, 135) }
```


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

```
.border{ border-color:rgb(139, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(139, 140,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3987, 25.9944, 26.6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 140, 135) }
```

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

```
.background{ background-color: rgb(139,  
140, 135) }
```

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