

Converting Colors

XYZ(25.2056, 23.8470, 26.4090)

Have a look what the booklet for
XYZ(25.2056, 23.8470, 26.4090)
contains.

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Color

**XYZ(25.3000, 23.9882,
26.5893)**

Conversions

Conversions Part 1

Format	Color
Hex	998088
RGB	153, 128, 136
RGB Percent	60%, 50%, 53%
CMY	0.4000, 0.4980, 0.4667
CMYK	0.00, 0.16, 0.11, 0.40
HSL	341°, 11%, 55%
HSV	341°, 16%, 60%
XYZ	25.3000, 23.9882, 26.5893
YIQ	136.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

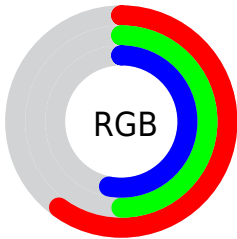
Format	Color
R_{YB}	153, 128, 136
Decimal	10059912
CIE _{Lab}	56.08, 10.96, -0.74
CIE _{LCh}	56, 10.988, 356.132
Yxy	23.9882, 0.3334, 0.3161
Android (android.graphics.Color)	4288249992 (0xFF998088)
YUV	136.3870, -0.1908, 14.5696
Hunter-Lab	48.9778, 6.4951, 2.0968

Details

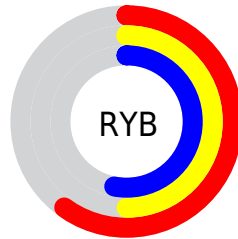
The XYZ color **25.3000, 23.9882, 26.5893** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.4051, 29.4167, 31.1285**, and the grayscale version is **23.5449, 24.7710, 26.9757**.

A 20% lighter version of the original color is **51.7216, 50.1318, 55.0945**, and **9.9552, 9.0886, 10.0337** is the 20% darker color. If you saturate the color by 10%, you get **22.7490, 20.0125, 22.2660**, and if you desaturate by 10%, it is **28.2251, 28.5966, 31.3921**.

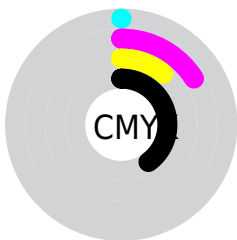
Distribution



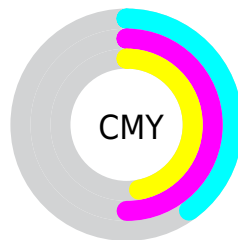
- Red (60%)
- Green (50%)
- Blue (53%)



- Red (60%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3000, 23.9882, 26.5893 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 25.3000, 23.9882, 26.5893 by changing the saturation by 10% instead.

■ 25.3000, 23.9882,
26.5893

■ 25.3000, 23.9882,
26.5893

271.6488,
272.7608, 299.3601

■ 16.4306, 15.3249,
17.0353

■ 51.5829, 50.0109,
55.2198

■ 9.9222, 9.0477,
10.0974

■ 69.7271, 68.1391,
75.1334

■ 5.4092, 4.7723,
5.3572

■ 91.6937, 90.1911,
99.3373

■ 2.5265, 2.1143,
2.3959

117.8479,
116.5512, 128.2501

■ 0.9087, 0.6726,
0.7842

148.5552,
147.6038, 162.2902

■ 0.0000, 0.0000,
0.0000

184.1809,

183.7333, 201.8762

225.0903,
225.3242, 247.4266

■ 25.3000, 23.9882,
26.5893

■ 25.3000, 23.9882,
26.5893

■ 22.7490, 20.0125,
22.2660

■ 28.2251, 28.5966,
31.3921

■ 20.5546, 16.6387,
18.4055

■ 31.5368, 33.8605,
36.6874

■ 18.7009, 13.8381,
14.9922

■ 35.2496, 39.8054,
42.4895

■ 17.1700, 11.5783,
12.0093

■ 39.3765, 46.4546,
48.8118

■ 15.9422, 9.8240,
9.4384

■ 43.9299, 53.8301,
55.6669

■ 14.9957, 8.5351,
7.2600

■ 48.9218, 61.9532,
63.0673

■ 14.3052, 7.6659,
5.4525

■ 54.3637, 70.8441,
71.0248

■ 13.8349, 7.1489,
3.9899

■ 60.2665, 80.5224,
79.5511

■ 13.6904, 6.9937,
3.5285

■ 63.1305, 83.9858,
87.4870

Harmonies

Analogous

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



24.8684, 23.9882, 30.1737



25.3000, 23.9882, 26.5893



25.0417, 23.9882, 23.1848

Triad

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



25.3000, 23.9882, 26.5893



21.7510, 23.9882, 20.3794



21.4782, 23.9882, 32.3047

Complementary

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



25.3000, 23.9882, 26.5893



25.4051, 29.4167, 31.1285

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.



20.6963, 23.9882, 29.2911



25.3000, 23.9882, 26.5893



20.8497, 23.9882, 22.4450

Square

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



25.3000, 23.9882, 26.5893



22.9637, 23.9882, 19.7982



20.4705, 23.9882, 25.6544



22.6372, 23.9882, 33.6597

Rectangle

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



25.3000, 23.9882, 26.5893



24.5181, 23.9882, 21.4357



20.4705, 23.9882, 25.6544



21.1643, 23.9882, 31.4393

Sweetspot

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



25.3007, 23.9893, 26.5898



51.2442, 52.3161, 57.3458



25.0882, 23.7289, 33.3952



11.2352, 11.4252, 12.5333



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.3007, 23.9893, 26.5898



43.3771, 39.9387, 44.3753



25.3079, 24.8796, 23.8917



6.2862, 6.2536, 6.8872



11.3286, 5.7857, 2.9892



0.1847, 0.0926, 0.1253

Inverse Universe

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



25.3007, 23.9893, 26.5898



43.3771, 39.9387, 44.3753



25.3738, 28.3320, 34.2687



6.2862, 6.2536, 6.8872



11.3286, 5.7857, 2.9892



0.1847, 0.0926, 0.1253

Previews

White Background



This preview shows how the XYZ color 25.3000, 23.9882, 26.5893 looks on a white background.

Color Contrast Check

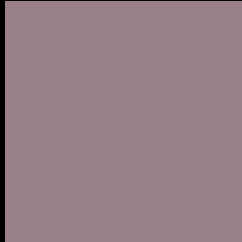
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3000, 23.9882, 26.5893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

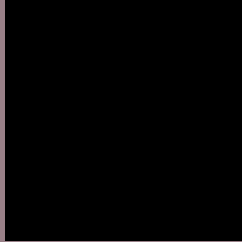
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.3000, 23.9882, 26.5893

Background



This preview shows how black text looks on a background with the XYZ color 25.3000, 23.9882, 26.5893.



This preview shows how white text looks on a background with the XYZ color 25.3000, 23.9882,

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

25.3000, 23.9882, 26.5893

Protanopia

23.3386, 24.1485, 27.8571

Deuteranopia

24.4592, 23.9459, 26.6254



Tritanopia

25.4435, 24.0456, 27.3450

Trichromacy



Original Color

25.3000, 23.9882, 26.5893

Protanomaly

23.9940, 24.0883, 27.4296

Deuteranomaly

24.6886, 23.8676, 26.5982

Tritanomaly

25.3714, 24.0168, 26.9654

Monochromacy



Original Color

25.3000, 23.9882, 26.5893

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.9868, 24.3034, 26.7193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3000, 23.9882, 26.5893 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(153, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 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(153, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 136) }
```

Border

The CSS property to change the border of an element to XYZ 25.3000, 23.9882, 26.5893 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(153, 128, 136) }
```


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

```
.border{ border-color:rgb(153, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3000, 23.9882, 26.5893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 136) }
```

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

```
.background{ background-color: rgb(153,  
128, 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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