

Converting Colors

XYZ(26.5861, 23.7669, 33.5158)

Have a look what the booklet for
XYZ(26.5861, 23.7669, 33.5158)
contains.

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Color

**XYZ(26.4750, 23.6838,
33.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	9B7C99
RGB	155, 124, 153
RGB Percent	61%, 49%, 60%
CMY	0.3922, 0.5137, 0.4000
CMYK	0.00, 0.20, 0.01, 0.39
HSL	304°, 13%, 55%
HSV	304°, 20%, 61%
XYZ	26.4750, 23.6838, 33.3130
YIQ	136.5750, 9.1670, 15.5910

Conversions

Conversions Part 2

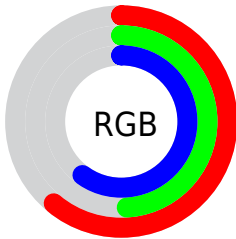
Format	Color
R_{YB}	155, 124, 153
Decimal	10189977
CIE _{Lab}	55.77, 17.19, -11.03
CIE _{LCh}	56, 20.419, 327.320
Yxy	23.6838, 0.3172, 0.2837
Android (android.graphics.Color)	4288380057 (0xFF9B7C99)
YUV	136.5750, 8.0975, 16.1587
Hunter-Lab	48.6660, 11.9410, -6.5192

Details

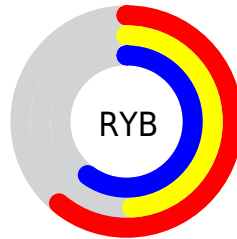
The XYZ color **26.4750, 23.6838, 33.3130** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.8004, 29.2349, 24.1285**, and the grayscale version is **23.5863, 24.8146, 27.0231**.

A 20% lighter version of the original color is **53.5630, 49.6509, 65.7920**, and **10.5079, 8.8750, 13.7296** is the 20% darker color. If you saturate the color by 10%, you get **24.6011, 20.0673, 32.2827**, and if you desaturate by 10%, it is **28.6563, 27.9133, 34.4497**.

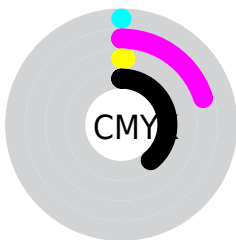
Distribution



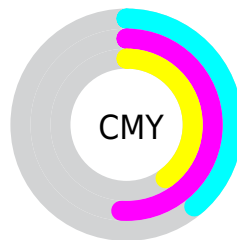
- Red (61%)
- Green (49%)
- Blue (60%)



- Red (61%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4750, 23.6838, 33.3130 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 26.4750, 23.6838, 33.3130 by changing the saturation by 10% instead.

■ 26.4750, 23.6838,
33.3130

■ 26.4750, 23.6838,
33.3130

277.3202,
271.2180, 331.7329

■ 17.3139, 15.0992,
22.0933

■ 53.4661, 49.5137,
65.9855

■ 10.5552, 8.8891,
13.7265

■ 72.0268, 67.5278,
88.2754

■ 5.8337, 4.6689,
7.7941

■ 94.4514, 89.4540,
115.0924

■ 2.7839, 2.0543,
3.8776

121.1052,
115.6764, 146.8550

■ 1.0405, 0.6388,
1.5584

152.3537,
146.5797, 183.9818

■ 0.0000, 0.0000,
0.2609

188.5621,

■ 0.0000, 0.0000,

182.5481, 226.8914

0.0000

230.0958,
223.9660, 276.0023

■ 26.4750, 23.6838,
33.3130

■ 26.4750, 23.6838,
33.3130

■ 24.6011, 20.0673,
32.2827

■ 28.6563, 27.9133,
34.4497

■ 23.0184, 17.0324,
31.3526

■ 31.1563, 32.7793,
35.6958

■ 21.7120, 14.5492,
30.5181

■ 33.9880, 38.3078,
37.0559

■ 20.6654, 12.5842,
29.7735

■ 37.1635, 44.5226,
38.5341

■ 19.8598, 11.1003,
29.1126

■ 40.6939, 51.4461,
40.1339

■ 19.2742, 10.0554,
28.5285

■ 44.5899, 59.0999,
41.8592

■ 18.8840, 9.4000,
28.0128

■ 48.8620, 67.5045,
43.7132

■ 18.6285, 9.0130,
27.5454

■ 53.5198, 76.6796,
45.6993

■ 18.6285, 9.0130,
27.5453

■ 55.7996, 81.0974,
46.8962

Harmonies

Analogous

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



24.6192, 23.6838, 38.8739



26.4750, 23.6838, 33.3130



27.2635, 23.6838, 26.3891

Triad

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



26.4750, 23.6838, 33.3130



22.7198, 23.6838, 15.0220



18.7781, 23.6838, 32.1018

Complementary

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



26.4750, 23.6838, 33.3130



23.8004, 29.2349, 24.1285

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.



18.3452, 23.6838, 25.1954



26.4750, 23.6838, 33.3130



20.5262, 23.6838, 16.0271

Square

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



26.4750, 23.6838, 33.3130



25.0044, 23.6838, 16.4657



18.9634, 23.6838, 19.4906



20.1887, 23.6838, 38.0945

Rectangle

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



26.4750, 23.6838, 33.3130



27.0400, 23.6838, 22.1706



18.9634, 23.6838, 19.4906



18.5178, 23.6838, 29.7781

Sweetspot

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



26.4757, 23.6848, 33.3135



52.9882, 53.2331, 62.5373



21.6631, 21.1846, 33.9581



11.9346, 11.9342, 14.1254



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.4757, 23.6848, 33.3135



45.8477, 39.3883, 58.8121



25.3099, 23.2185, 27.1744



6.4440, 6.3168, 7.7183



14.9677, 7.2413, 22.1525



0.2282, 0.1100, 0.3547

Inverse Universe

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



26.4757, 23.6848, 33.3135



45.8477, 39.3883, 58.8121



24.8458, 29.6530, 29.6338



6.4440, 6.3168, 7.7183



14.9677, 7.2413, 22.1525



0.2282, 0.1100, 0.3547

Previews

White Background



This preview shows how the XYZ color 26.4750, 23.6838, 33.3130 looks on a white background.

Color Contrast Check

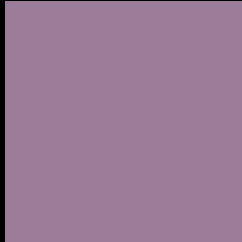
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4750, 23.6838, 33.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

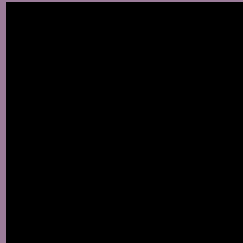
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4750, 23.6838, 33.3130

Background



This preview shows how black text looks on a background with the XYZ color 26.4750, 23.6838, 33.3130.



This preview shows how white text looks on a background with the XYZ color 26.4750, 23.6838,

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

26.4750, 23.6838, 33.3130

Protanopia

23.6988, 23.9454, 36.1737

Deuteranopia

24.1314, 23.6355, 32.9960



Tritanopia

25.2416, 23.7572, 26.9221

Trichromacy



Original Color

26.4750, 23.6838, 33.3130

Protanomaly

24.5497, 23.8029, 35.1988

Deuteranomaly

24.8883, 23.6346, 32.9560

Tritanomaly

25.7452, 23.7749, 29.2187

Monochromacy



Original Color

26.4750, 23.6838, 33.3130

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7108, 24.4150, 29.3968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4750, 23.6838, 33.3130 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(155, 124, 153)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 153)  
}
```

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(155, 124, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 153) }
```

Border

The CSS property to change the border of an element to XYZ 26.4750, 23.6838, 33.3130 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(155, 124, 153) }
```


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

```
.border{ border-color:rgb(155, 124, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 124, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 153);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4750, 23.6838, 33.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 124, 153) }
```

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

```
.background{ background-color: rgb(155,  
124, 153) }
```

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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