

Converting Colors

XYZ(33.4502, 26.9098, 33.5681)

Have a look what the booklet for
XYZ(33.4502, 26.9098, 33.5681)
contains.

XYZ(33.4483, 26.9103, 33.5683)	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(33.4483, 26.9103,
33.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7A99
RGB	188, 122, 153
RGB Percent	74%, 48%, 60%
CMY	0.2627, 0.5216, 0.4000
CMYK	0.00, 0.35, 0.19, 0.26
HSL	332°, 33%, 61%
HSV	332°, 35%, 74%
XYZ	33.4483, 26.9103, 33.5683
YIQ	145.2680, 29.3850, 23.6330

Conversions

Conversions Part 2

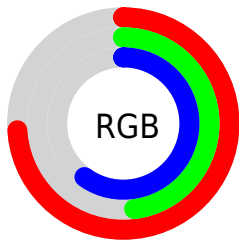
Format	Color
R _Y B	188, 122, 153
Decimal	12352153
CIE Lab	58.89, 30.20, -5.99
CIE LCh	59, 30.787, 348.787
Yxy	26.9103, 0.3561, 0.2865
Android (android.graphics.Color)	4290542233 (0xFFBC7A99)
YUV	145.2680, 3.8119, 37.4760
Hunter-Lab	51.8751, 24.3126, -2.0538

Details

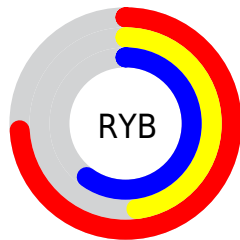
The XYZ color **33.4483, 26.9103, 33.5683** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.0962, 42.5390, 38.4194**, and the grayscale version is **26.9999, 28.4060, 30.9341**.

A 20% lighter version of the original color is **64.2486, 54.5774, 66.1797**, and **14.3885, 10.5806, 13.8543** is the 20% darker color. If you saturate the color by 10%, you get **30.5700, 22.4168, 28.7144**, and if you desaturate by 10%, it is **36.8435, 32.3269, 38.9346**.

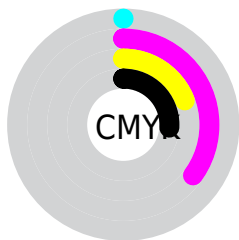
Distribution



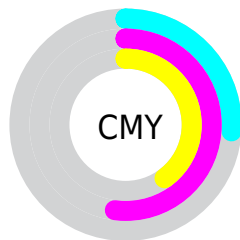
- Red (74%)
- Green (48%)
- Blue (60%)



- Red (74%)
- Yellow (48%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (26%)





- Cyan (26%)
- Magenta (52%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4483, 26.9103, 33.5683 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 33.4483, 26.9103, 33.5683 by changing the saturation by 10% instead.


 33.4483, 26.9103,
33.5683

 33.4483, 26.9103,
33.5683


309.2944,
287.2225, 332.9130


 22.6310, 17.5059,
22.2875


 64.4248, 54.7399,
66.3880

 14.4404, 10.5958,
13.8680


 85.3147, 73.9338,
88.7639

 8.5114, 5.7958,
7.8912


 110.2928, 97.1598,
115.6753

 4.4784, 2.7213,
3.9386

139.7245,
124.8020, 147.5407

 1.9762, 0.9880,
1.5917

173.9752,
157.2450, 184.7786

 0.6205, 0.0000,
0.2849

213.4101,

 0.0000, 0.0000,

194.8732, 227.8076

0.0000

258.3948,
238.0709, 277.0462

■ 33.4483, 26.9103,
33.5683

■ 33.4483, 26.9103,
33.5683

■ 30.5700, 22.4168,
28.7144

■ 36.8435, 32.3269,
38.9346

■ 28.1788, 18.7902,
24.3539

■ 40.7787, 38.7110,
44.8281

■ 26.2451, 15.9741,
20.4685


■ 45.2782, 46.1087,
51.2649


■ 24.7352, 13.9038,
17.0382


■ 50.3644, 54.5620,
58.2600


■ 23.6102, 12.5044,
14.0406


■ 56.0581, 64.1104,
65.8274


 22.8228, 11.6847,
11.4501

 62.3793, 74.7915,
73.9810

 22.5130, 11.4010,
10.3114

 69.3470, 86.6410,
82.7338

 71.1732, 88.0811,
90.1633

 72.6365, 88.6664,
97.8687

Harmonies

Analogous

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



31.4869, 26.9103, 45.3924



33.4483, 26.9103, 33.5683



33.1500, 26.9103, 23.0562

Triad

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



33.4483, 26.9103, 33.5683



23.2923, 26.9103, 13.6007



21.0524, 26.9103, 48.0639

Complementary

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



33.4483, 26.9103, 33.5683



32.0962, 42.5390, 38.4194

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.



19.2559, 26.9103, 36.5818



33.4483, 26.9103, 33.5683



20.4578, 26.9103, 17.5476

Square

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



33.4483, 26.9103, 33.5683



27.0271, 26.9103, 13.1757



19.0497, 26.9103, 25.4111



24.1806, 26.9103, 55.0421

Rectangle

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



33.4483, 26.9103, 33.5683



31.7163, 26.9103, 18.0352



19.0497, 26.9103, 25.4111



20.2867, 26.9103, 44.4881

Sweetspot

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



33.4491, 26.9116, 33.5688



76.9806, 75.1954, 85.7026



29.7674, 24.6292, 50.7622



16.3223, 15.7898, 18.0955



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



33.4491, 26.9116, 33.5688



56.5813, 42.4474, 54.0831



31.3482, 26.2885, 21.8358



9.7116, 9.6090, 10.8705



15.3649, 7.7771, 7.2150



0.6349, 0.3179, 0.4567

Inverse Universe

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



33.4491, 26.9116, 33.5688



56.5813, 42.4474, 54.0831



34.8531, 43.2672, 54.0916



9.7116, 9.6090, 10.8705



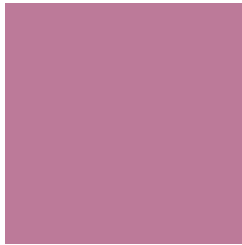
15.3649, 7.7771, 7.2150



0.6349, 0.3179, 0.4567

Previews

White Background



This preview shows how the XYZ color 33.4483, 26.9103, 33.5683 looks on a white background.

Color Contrast Check

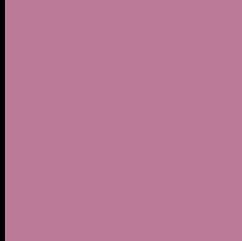
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.4483, 26.9103, 33.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

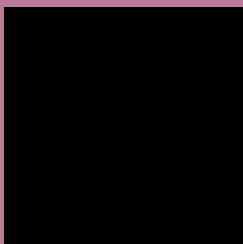
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.4483, 26.9103, 33.5683

Background



This preview shows how black text looks on a background with the XYZ color 33.4483, 26.9103, 33.5683.



This preview shows how white text looks on a background with the XYZ color 33.4483, 26.9103,

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

33.4483, 26.9103, 33.5683

Protanopia

26.7976, 27.1696, 39.4292

Deuteranopia

27.5424, 27.0544, 32.6245



Tritanopia

31.9565, 26.8556, 26.4210

Trichromacy



Original Color

33.4483, 26.9103, 33.5683

Protanomaly

28.6684, 26.6913, 37.3592

Deuteranomaly

29.3542, 26.7362, 32.8916

Tritanomaly

32.5837, 26.9331, 29.0724

Monochromacy



Original Color

33.4483, 26.9103, 33.5683

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9889, 27.6065, 31.8177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4483, 26.9103, 33.5683 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(188, 122, 153)` looks like.

```
.text, #text, p{  
    color:rgb(188, 122, 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(188, 122, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 122, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.4483, 26.9103, 33.5683 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(188, 122, 153) }
```


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

```
.border{ border-color:rgb(188, 122, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 122, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 122, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 122, 153);  
box-shadow:4px 4px 4px 4px rgb(188, 122,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4483, 26.9103, 33.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 122, 153) }
```

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

```
.background{ background-color: rgb(188,  
122, 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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