

Converting Colors

XYZ(32.6174, 26.4995, 35.3354)

Have a look what the booklet for
XYZ(32.6174, 26.4995, 35.3354)
contains.

XYZ(32.5738, 26.4207, 35.2812)	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(32.5738, 26.4207,
35.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	B77A9D
RGB	183, 122, 157
RGB Percent	72%, 48%, 62%
CMY	0.2824, 0.5216, 0.3843
CMYK	0.00, 0.33, 0.14, 0.28
HSL	326°, 30%, 60%
HSV	326°, 33%, 72%
XYZ	32.5738, 26.4207, 35.2812
YIQ	144.2290, 25.1210, 23.8170

Conversions

Conversions Part 2

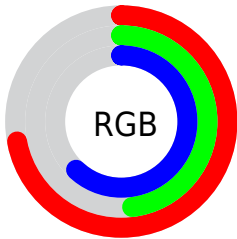
Format	Color
R _Y B	183, 122, 157
Decimal	12024477
CIE Lab	58.43, 29.06, -9.03
CIE LCh	58, 30.437, 342.732
Yxy	26.4207, 0.3455, 0.2802
Android (android.graphics.Color)	4290214557 (0xFFB77A9D)
YUV	144.2290, 6.2961, 34.0022
Hunter-Lab	51.4011, 23.1668, -4.7153

Details

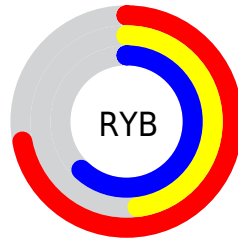
The XYZ color **32.5738, 26.4207, 35.2812** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.3060, 40.1434, 34.1700**, and the grayscale version is **26.5705, 27.9543, 30.4422**.

A 20% lighter version of the original color is **63.1488, 53.9387, 69.3703**, and **13.9721, 10.3425, 14.8956** is the 20% darker color. If you saturate the color by 10%, you get **29.8901, 22.0849, 31.2052**, and if you desaturate by 10%, it is **35.7247, 31.6221, 39.7234**.

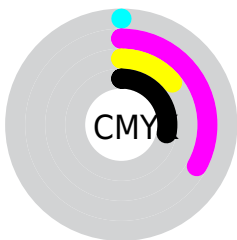
Distribution



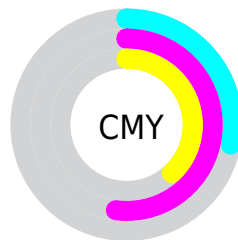
- Red (72%)
- Green (48%)
- Blue (62%)



- Red (72%)
- Yellow (48%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (14%)
- Black (28%)




- Cyan (28%)
- Magenta (52%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5738, 26.4207, 35.2812 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 32.5738, 26.4207, 35.2812 by changing the saturation by 10% instead.


 32.5738, 26.4207,
35.2812


 32.5738, 26.4207,
35.2812


305.4239,
284.8412, 340.7497

 21.9578, 17.1386,
23.5943


 63.0687, 53.9529,
69.0777

 13.9423, 10.3334,
14.8235


 83.6783, 72.9718,
92.0243

 8.1620, 5.6206,
8.5504


 108.3499, 96.0050,
119.5612

 4.2515, 2.6158,
4.3563

137.4487,
123.4371, 152.1071

 1.8454, 0.9346,
1.8228

171.3402,
155.6524, 190.0803

 0.5448, 0.0000,
0.4429

210.3896,

 0.0000, 0.0000,

193.0352, 233.8994

0.0000

254.9624,
235.9700, 283.9830

■ 32.5738, 26.4207,
35.2812

■ 32.5738, 26.4207,
35.2812

■ 29.8901, 22.0849,
31.2052

■ 35.7247, 31.6221,
39.7234

■ 27.6466, 18.5632,
27.4815

■ 39.3632, 37.7296,
44.5413

■ 25.8172, 15.8042,
24.0978

■ 43.5112, 44.7858,
49.7464

■ 24.3717, 13.7488,
21.0400

■ 48.1886, 52.8290,
55.3489

■ 23.2757, 12.3296,
18.2921

■ 53.4142, 61.8960,
61.3584

■ 22.4878, 11.4654,
15.8362

■ 59.2059, 72.0211,
67.7844

■ 22.0782, 11.0872,
14.3399

■ 65.5807, 83.2374,
74.6359

■ 68.1281, 86.7232,
80.4460

■ 69.1821, 87.1448,
85.9960

Harmonies

Analogous

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



30.2807, 26.4207, 46.5735



32.5738, 26.4207, 35.2812



32.7482, 26.4207, 24.4883

Triad

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



32.5738, 26.4207, 35.2812



23.5697, 26.4207, 13.0652



20.2197, 26.4207, 45.0120

Complementary

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



32.5738, 26.4207, 35.2812



30.3060, 40.1434, 34.1700

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.



18.7661, 26.4207, 33.5186



32.5738, 26.4207, 35.2812



20.5679, 26.4207, 16.2001

Square

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



32.5738, 26.4207, 35.2812



27.2939, 26.4207, 13.3145



18.8869, 26.4207, 23.1096



23.0498, 26.4207, 53.0742

Rectangle

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



32.5738, 26.4207, 35.2812



31.6167, 26.4207, 19.0588



18.8869, 26.4207, 23.1096



19.5671, 26.4207, 41.3150

Sweetspot

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



32.5746, 26.4219, 35.2817



72.7498, 71.3863, 82.6476



27.6154, 23.5810, 47.8962



15.8456, 15.3896, 17.9714



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.5746, 26.4219, 35.2817



54.7368, 41.4810, 57.7743



30.3252, 25.5222, 23.4366



9.2147, 9.0963, 10.4781



15.4369, 7.7485, 10.1875



0.5745, 0.2853, 0.5187

Inverse Universe

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



32.5746, 26.4219, 35.2817



54.7368, 41.4810, 57.7743



32.9879, 41.2162, 48.2930



9.2147, 9.0963, 10.4781



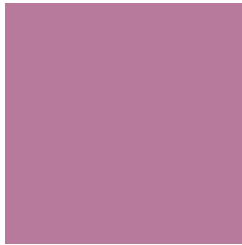
15.4369, 7.7485, 10.1875



0.5745, 0.2853, 0.5187

Previews

White Background



This preview shows how the XYZ color 32.5738, 26.4207, 35.2812 looks on a white background.

Color Contrast Check

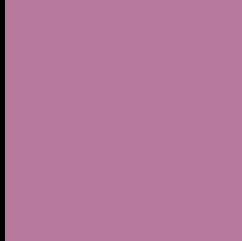
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5738, 26.4207, 35.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

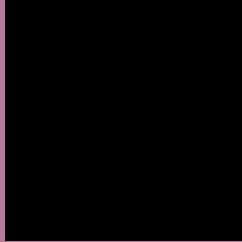
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.5738, 26.4207, 35.2812

Background



This preview shows how black text looks on a background with the XYZ color 32.5738, 26.4207, 35.2812.



This preview shows how white text looks on a background with the XYZ color 32.5738, 26.4207,

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

32.5738, 26.4207, 35.2812

Protanopia

26.5312, 26.7716, 41.3052

Deuteranopia

26.9911, 26.5203, 34.2682



Tritanopia

30.7272, 26.4026, 26.7693

Trichromacy



Original Color

32.5738, 26.4207, 35.2812

Protanomaly

28.1280, 26.1671, 39.1656

Deuteranomaly

28.8656, 26.4462, 34.5936

Tritanomaly

31.4237, 26.5046, 29.8452

Monochromacy



Original Color

32.5738, 26.4207, 35.2812

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3295, 27.0473, 32.1613

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5738, 26.4207, 35.2812 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(183, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(183, 122, 157)  
}
```

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(183, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 122, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.5738, 26.4207, 35.2812 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(183, 122, 157) }
```


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

```
.border{ border-color:rgb(183, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(183, 122,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5738, 26.4207, 35.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 122, 157) }
```

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

```
.background{ background-color: rgb(183,  
122, 157) }
```

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