

Converting Colors

XYZ(32.3066, 26.5382, 33.3641)

Have a look what the booklet for
XYZ(32.3066, 26.5382, 33.3641)
contains.

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Color

**XYZ(32.3612, 26.5331,
33.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	B77B99
RGB	183, 123, 153
RGB Percent	72%, 48%, 60%
CMY	0.2823, 0.5176, 0.4000
CMYK	0.00, 0.33, 0.16, 0.28
HSL	330°, 29%, 60%
HSV	330°, 33%, 72%
XYZ	32.3612, 26.5331, 33.5528
YIQ	144.3600, 26.1300, 22.0500

Conversions

Conversions Part 2

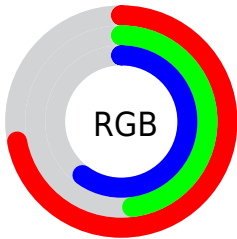
Format	Color
RYB	183, 123, 153
Decimal	12024729
CIELab	58.54, 27.85, -6.57
CIELCh	59, 28.613, 346.721
Yxy	26.5331, 0.3501, 0.2870
Android (android.graphics.Color)	4290214809 (0xFFB77B99)
YUV	144.3600, 4.2595, 33.8873
Hunter-Lab	51.5103, 21.9991, -2.5631

Details

The XYZ color **32.3612, 26.5331, 33.5528** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.8528, 40.3786, 36.3066**, and the grayscale version is **26.6310, 28.0179, 30.5115**.

A 20% lighter version of the original color is **62.7230, 54.0809, 66.1643**, and **13.8341, 10.3915, 13.8470** is the 20% darker color. If you saturate the color by 10%, you get **29.5727, 22.1194, 29.0364**, and if you desaturate by 10%, it is **35.6335, 31.8211, 38.5170**.

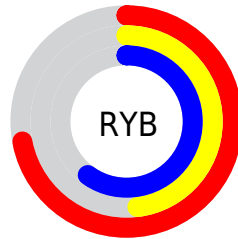
Distribution



Red (72%)

Green (48%)

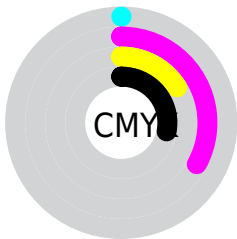
Blue (60%)



Red (72%)

Yellow (48%)

Blue (60%)

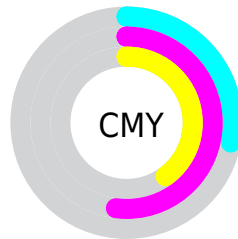


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (28%)



Cyan (28%)

Magenta (52%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3612, 26.5331, 33.5528 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 32.3612, 26.5331, 33.5528 by changing the saturation by 10% instead.


 32.3612, 26.5331,
33.5528


 32.3612, 26.5331,
33.5528


304.4775,
285.3893, 332.8415

 21.7944, 17.2229,
22.2757


 62.7383, 54.1337,
66.3636

 13.8217, 10.3935,
13.8594


 83.2793, 73.1929,
88.7343

 8.0776, 5.6606,
7.8853


 107.8758, 96.2706,
115.6399

 4.1969, 2.6399,
3.9349

136.8931,
123.7511, 147.4991

 1.8141, 0.9467,
1.5897

170.6965,
156.0188, 184.7303

 0.5261, 0.0000,
0.2835

209.6515,

 0.0000, 0.0000,

193.4581, 227.7521

0.0000

254.1234,
236.4535, 276.9829

■ 32.3612, 26.5331,
33.5528

■ 32.3612, 26.5331,
33.5528

■ 29.5727, 22.1194,
29.0364

■ 35.6335, 31.8211,
38.5170

■ 27.2408, 18.5285,
24.9516

■ 39.4105, 38.0239,
43.9414

■ 25.3389, 15.7090,
21.2831


■ 43.7145, 45.1840,
49.8395


■ 23.8365, 13.6021,
18.0140


■ 48.5657, 53.3400,
56.2241

■ 22.6988, 12.1406,
15.1255


■ 53.9834, 62.5285,
63.1070


 21.8844, 11.2441,
12.5963

 59.9857, 72.7841,
70.4999

 21.4384, 10.8313,
10.9706

 66.5901, 84.1399,
78.4140

 69.0443, 87.0896,
85.2703

 70.3355, 87.6061,
92.0698

Harmonies

Analogous

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



30.4490, 26.5331, 44.2404



32.3612, 26.5331, 33.5528



32.2377, 26.5331, 23.6864

Triad

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



32.3612, 26.5331, 33.5528



23.3297, 26.5331, 14.0702



20.8762, 26.5331, 45.3380

Complementary

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



32.3612, 26.5331, 33.5528



30.8528, 40.3786, 36.3066

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.



19.3009, 26.5331, 34.8049



32.3612, 26.5331, 33.5528



20.6249, 26.5331, 17.5779

Square

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



32.3612, 26.5331, 33.5528



26.7984, 26.5331, 13.8853



19.2134, 26.5331, 24.6806



23.7027, 26.5331, 52.0335

Rectangle

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



32.3612, 26.5331, 33.5528



31.0142, 26.5331, 18.8203



19.2134, 26.5331, 24.6806



20.1946, 26.5331, 42.0315

Sweetspot

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



32.3620, 26.5343, 33.5533



72.5094, 71.2902, 81.3818



28.7682, 24.3585, 47.9856



15.7858, 15.3657, 17.6561



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.



32.3620, 26.5343, 33.5533



54.4422, 41.9352, 54.4592



30.1876, 25.6646, 22.1030



9.1868, 9.0851, 10.3312



14.9903, 7.5699, 7.8357



0.5597, 0.2794, 0.4407

Inverse Universe

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



32.3620, 26.5343, 33.5533



54.4422, 41.9352, 54.4592



33.6500, 41.4975, 51.0364



9.1868, 9.0851, 10.3312



14.9903, 7.5699, 7.8357



0.5597, 0.2794, 0.4407

Previews

White Background



This preview shows how the XYZ color 32.3612, 26.5331, 33.5528 looks on a white background.

Color Contrast Check

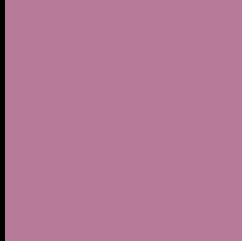
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3612, 26.5331, 33.5528 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 32.3612, 26.5331, 33.5528

Background



This preview shows how black text looks on a background with the XYZ color 32.3612, 26.5331, 33.5528.



This preview shows how white text looks on a background with the XYZ color 32.3612, 26.5331,

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

32.3612, 26.5331, 33.5528

Protanopia

26.3955, 26.7549, 38.8950

Deuteranopia

27.2132, 26.6726, 32.5682



Tritanopia

30.9608, 26.5230, 26.7802

Trichromacy



Original Color

32.3612, 26.5331, 33.5528

Protanomaly

28.1967, 26.4583, 36.8785

Deuteranomaly

28.9414, 26.5234, 32.8723

Tritanomaly

31.5075, 26.5653, 29.0582

Monochromacy



Original Color

32.3612, 26.5331, 33.5528

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1712, 26.9840, 31.3274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3612, 26.5331, 33.5528 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, 123, 153)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 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(183, 123, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.3612, 26.5331, 33.5528 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, 123, 153) }
```


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

```
.border{ border-color:rgb(183, 123, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 153);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3612, 26.5331, 33.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 153) }
```

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

```
.background{ background-color: rgb(183,  
123, 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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