

Converting Colors

XYZ(32.4564, 26.5505, 34.7836)

Have a look what the booklet for
XYZ(32.4564, 26.5505, 34.7836)
contains.

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Color

**XYZ(32.3751, 26.5113,
34.8633)**

Conversions

Conversions Part 1

Format	Color
Hex	B67B9C
RGB	182, 123, 156
RGB Percent	71%, 48%, 61%
CMY	0.2863, 0.5176, 0.3882
CMYK	0.00, 0.32, 0.14, 0.29
HSL	326°, 29%, 60%
HSV	326°, 32%, 71%
XYZ	32.3751, 26.5113, 34.8633
YIQ	144.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

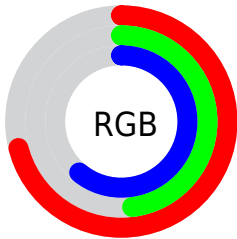
Format	Color
R_{YB}	182, 123, 156
Decimal	11959196
CIE _{Lab}	58.52, 27.99, -8.34
CIE _{LCh}	59, 29.203, 343.398
Yxy	26.5113, 0.3453, 0.2828
Android (android.graphics.Color)	4290149276 (0xFFB67B9C)
YUV	144.4030, 5.7173, 32.9726
Hunter-Lab	51.4891, 22.1305, -4.1029

Details

The XYZ color **32.3751, 26.5113, 34.8633** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.3223, 39.8375, 34.5269**, and the grayscale version is **26.6431, 28.0306, 30.5254**.

A 20% lighter version of the original color is **62.7548, 54.0545, 68.0988**, and **13.8344, 10.3742, 14.6379** is the 20% darker color. If you saturate the color by 10%, you get **29.6669, 22.1460, 30.7196**, and if you desaturate by 10%, it is **35.5494, 31.7364, 39.3843**.

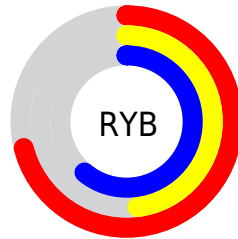
Distribution



Red (71%)

Green (48%)

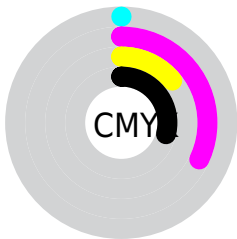
Blue (61%)



Red (71%)

Yellow (48%)

Blue (61%)

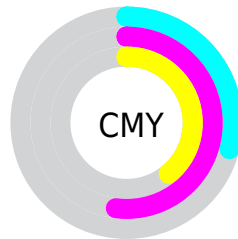


Cyan (0%)

Magenta (32%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (52%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3751, 26.5113, 34.8633 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 32.3751, 26.5113, 34.8633 by changing the saturation by 10% instead.


 32.3751, 26.5113,
34.8633


 32.3751, 26.5113,
34.8633


304.5394,
285.2831, 338.8504

 21.8051, 17.2065,
23.2749


 62.7599, 54.0987,
68.4231

 13.8296, 10.3819,
14.5894


 83.3054, 73.1500,
91.2316

 8.0831, 5.6529,
8.3883


 107.9068, 96.2191,
118.6172

 4.2004, 2.6352,
4.2531

136.9294,
123.6902, 150.9984

 1.8161, 0.9444,
1.7652

170.7387,
155.9477, 188.7938

 0.5274, 0.0000,
0.4048

209.6998,

 0.0000, 0.0000,

193.3761, 232.4219

0.0000

254.1783,
236.3598, 282.3013

■ 32.3751, 26.5113,
34.8633

■ 32.3751, 26.5113,
34.8633

■ 29.6669, 22.1460,
30.7196

■ 35.5494, 31.7364,
39.3843

■ 27.3984, 18.5899,
26.9393

■ 39.2099, 37.8610,
44.2924

■ 25.5438, 15.7927,
23.5096


■ 43.3781, 44.9267,
49.5993


■ 24.0738, 13.6970,
20.4163


■ 48.0736, 52.9715,
55.3153


■ 22.9545, 12.2370,
17.6436


■ 53.3151, 62.0310,
61.4504


 22.1461, 11.3341,
15.1731

 59.1201, 72.1395,
68.0143

 21.6795, 10.9003,
13.4777

 65.5053, 83.3292,
75.0161

 67.9920, 86.6414,
80.9665

 69.0813, 87.0771,
86.7026

Harmonies

Analogous

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



30.2214, 26.5113, 45.6602



32.3751, 26.5113, 34.8633



32.4928, 26.5113, 24.5413

Triad

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



32.3751, 26.5113, 34.8633



23.6389, 26.5113, 13.6403



20.5270, 26.5113, 44.6120

Complementary

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



32.3751, 26.5113, 34.8633



30.3223, 39.8375, 34.5269

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.



19.0863, 26.5113, 33.6718



32.3751, 26.5113, 34.8633



20.7649, 26.5113, 16.7964

Square

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



32.3751, 26.5113, 34.8633



27.2133, 26.5113, 13.8138



19.1690, 26.5113, 23.5997



23.2851, 26.5113, 52.1362

Rectangle

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



32.3751, 26.5113, 34.8633



31.3827, 26.5113, 19.3305



19.1690, 26.5113, 23.5997



19.8848, 26.5113, 41.1133

Sweetspot

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



32.3759, 26.5125, 34.8638



72.7025, 71.3674, 82.3986



27.8431, 23.8936, 47.4007



15.8339, 15.3849, 17.9093



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.



32.3759, 26.5125, 34.8638



55.0572, 42.1812, 57.6975



30.2018, 25.6429, 23.4151



9.2092, 9.0941, 10.4492



15.3436, 7.7112, 9.6962



0.5715, 0.2841, 0.5028

Inverse Universe

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



32.3759, 26.5125, 34.8638



55.0572, 42.1812, 57.6975



32.9398, 40.8845, 48.3104



9.2092, 9.0941, 10.4492



15.3436, 7.7112, 9.6962



0.5715, 0.2841, 0.5028

Previews

White Background



This preview shows how the XYZ color 32.3751, 26.5113, 34.8633 looks on a white background.

Color Contrast Check

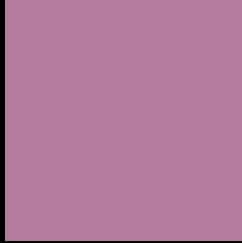
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.3751, 26.5113, 34.8633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

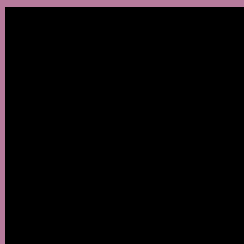
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.3751, 26.5113, 34.8633

Background



This preview shows how black text looks on a background with the XYZ color 32.3751, 26.5113, 34.8633.



This preview shows how white text looks on a background with the XYZ color 32.3751, 26.5113,

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

32.3751, 26.5113, 34.8633

Protanopia

26.5065, 26.7804, 40.3313

Deuteranopia

27.0899, 26.5808, 33.8398



Tritanopia

30.8557, 26.6596, 26.8121

Trichromacy



Original Color

32.3751, 26.5113, 34.8633

Protanomaly

28.2728, 26.4668, 38.2688

Deuteranomaly

28.7819, 26.4127, 34.1530

Tritanomaly

31.4748, 26.7286, 29.4868

Monochromacy



Original Color

32.3751, 26.5113, 34.8633

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.2500, 27.0155, 31.7426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3751, 26.5113, 34.8633 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(182, 123, 156)` looks like.

```
.text, #text, p{  
    color:rgb(182, 123, 156)  
}
```

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(182, 123, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 123, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.3751, 26.5113, 34.8633 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(182, 123, 156) }
```


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

```
.border{ border-color:rgb(182, 123, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 123, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 123, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 123, 156);  
box-shadow:4px 4px 4px 4px rgb(182, 123,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3751, 26.5113, 34.8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 123, 156) }
```

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

```
.background{ background-color: rgb(182,  
123, 156) }
```

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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