

# Converting Colors

XYZ(32.1903, 26.1272, 31.3634)

Have a look what the booklet for  
XYZ(32.1903, 26.1272, 31.3634)  
contains.

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# Color

**XYZ(32.1903, 26.1272,  
31.3634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B97994
RGB	185, 121, 148
RGB Percent	73%, 47%, 58%
CMY	0.2745, 0.5255, 0.4196
CMYK	0.00, 0.35, 0.20, 0.27
HSL	335°, 31%, 60%
HSV	335°, 35%, 73%
XYZ	32.1903, 26.1272, 31.3634
YIQ	143.2140, 29.4770, 21.9650

# Conversions

## Conversions Part 2

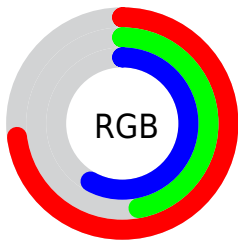
Format	Color
<a href="#">RYB</a>	<a href="#">185, 121, 148</a>
Decimal	<a href="#">12155284</a>
CIELab	<a href="#">58.16, 28.88, -4.23</a>
CIELCh	<a href="#">58, 29.186, 351.674</a>
Yxy	<a href="#">26.1272, 0.3589, 0.2913</a>
Android (android.graphics.Color)	<a href="#">4290345364 (0xFFB97994)</a>
YUV	<a href="#">143.2140, 2.3595, 36.6463</a>
Hunter-Lab	<a href="#">51.1148, 22.9622, -0.5993</a>

# Details

The XYZ color **32.1903, 26.1272, 31.3634** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.4069, 41.2323, 38.6532**, and the grayscale version is **26.1772, 27.5405, 29.9916**.

A 20% lighter version of the original color is **62.4147, 53.4136, 62.8974**, and **13.7710, 10.1948, 12.5513** is the 20% darker color. If you saturate the color by 10%, you get **29.3461, 21.7315, 26.4296**, and if you desaturate by 10%, it is **35.5453, 31.4188, 36.8541**.

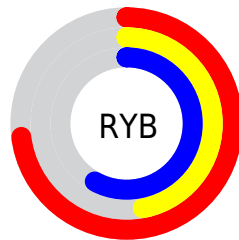
# Distribution



Red (73%)

Green (47%)

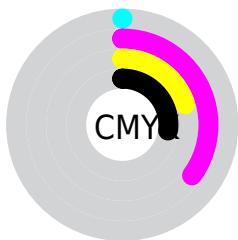
Blue (58%)



Red (73%)

Yellow (47%)

Blue (58%)

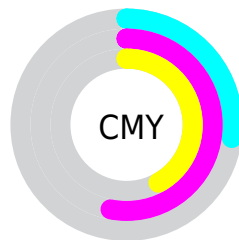


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (27%)



Cyan (27%)

Magenta (53%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1903, 26.1272, 31.3634 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 32.1903, 26.1272, 31.3634 by changing the saturation by 10% instead.





 32.1903, 26.1272,  
31.3634


 32.1903, 26.1272,  
31.3634


303.7151,  
283.4059, 322.6119

 21.6631, 16.9188,  
20.6149


 62.4725, 53.4801,  
62.8980

 13.7248, 10.1766,  
12.6543


 82.9582, 72.3934,  
84.5213

 8.0099, 5.5162,  
7.0630


 107.4942, 95.3104,  
110.6065

 4.1532, 2.5532,  
3.4225

136.4458,  
122.6156, 141.5723

 1.7891, 0.9032,  
1.3142

170.1783,  
154.6934, 177.8372

 0.5111, 0.0000,  
0.0734

209.0571,

 0.0000, 0.0000,

191.9281, 219.8198

0.0000

253.4476,  
234.7042, 267.9385

■ 32.1903, 26.1272,  
31.3634

■ 32.1903, 26.1272,  
31.3634

■ 29.3461, 21.7315,  
26.4296

■ 35.5453, 31.4188,  
36.8541

■ 26.9837, 18.1779,  
22.0317

■ 39.4338, 37.6491,  
42.9184

■ 25.0744, 15.4121,  
18.1497


■ 43.8795, 44.8624,  
49.5741


■ 23.5854, 13.3721,  
14.7611


■ 48.9043, 53.0990,  
56.8377


■ 22.4789, 11.9865,  
11.8415


■ 54.5285, 62.3971,  
64.7252


 21.7097, 11.1689,  
9.3631

 60.7718, 72.7929,  
73.2518

 21.3843, 10.8650,  
8.1854

 67.6527, 84.3209,  
82.4320

 70.5571, 87.7501,  
90.7362

 72.1371, 88.3821,  
99.0564

# Harmonies

## Analogous

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



30.5610, 26.1272, 42.3203



32.1903, 26.1272, 31.3634



31.7062, 26.1272, 21.8425

# Triad

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



32.1903, 26.1272, 31.3634



22.4046, 26.1272, 13.9127



20.8490, 26.1272, 46.6317

# Complementary

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



32.1903, 26.1272, 31.3634



31.4069, 41.2323, 38.6532

# 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.



19.0328, 26.1272, 36.2668



32.1903, 26.1272, 31.3634



19.8698, 26.1272, 17.9963

# Square

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



32.1903, 26.1272, 31.3634



25.8312, 26.1272, 13.1978



18.6921, 26.1272, 25.7193



23.8611, 26.1272, 52.4062



# Rectangle

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



32.1903, 26.1272, 31.3634



30.2686, 26.1272, 17.3614



18.6921, 26.1272, 25.7193



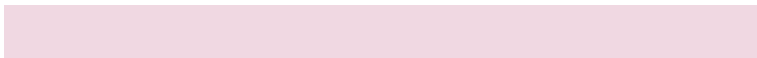
20.0908, 26.1272, 43.4668

# Sweetspot

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



32.1910, 26.1284, 31.3639



74.0259, 72.9286, 82.0126



29.5522, 24.3739, 49.0464



15.7231, 15.3406, 17.3261



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.



32.1910, 26.1284, 31.3639



53.4611, 40.3021, 48.9438



30.8272, 26.4310, 21.5676



9.1576, 9.0734, 10.1772



14.5955, 7.4120, 5.7567



0.5456, 0.2737, 0.3666



# Inverse Universe

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



32.1910, 26.1284, 31.3639



53.4611, 40.3021, 48.9438



33.1127, 40.5079, 51.9729



9.1576, 9.0734, 10.1772



14.5955, 7.4120, 5.7567

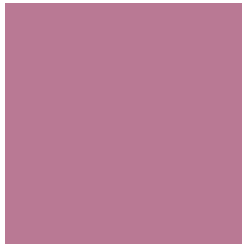


0.5456, 0.2737, 0.3666



# Previews

## White Background



This preview shows how the XYZ color 32.1903, 26.1272, 31.3634 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

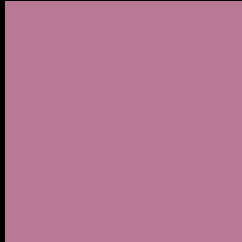
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 32.1903, 26.1272, 31.3634 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

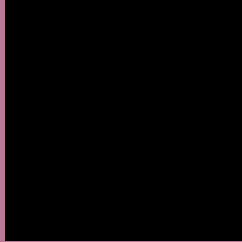
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 32.1903, 26.1272, 31.3634**

## **Background**



This preview shows how black text looks on a background with the XYZ color 32.1903, 26.1272, 31.3634.



This preview shows how white text looks on a background with the XYZ color 32.1903, 26.1272,



# 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

32.1903, 26.1272, 31.3634

### Protanopia

25.8072, 26.2868, 36.5146

### Deuteranopia

26.6775, 26.2320, 30.4453



## Tritanopia

30.9697, 26.1760, 25.6105

# Trichromacy



## Original Color

32.1903, 26.1272, 31.3634

## Protanomaly

27.4941, 25.7391, 34.5294

## Deuteranomaly

28.4089, 26.0945, 30.7336

## Tritanomaly

31.4376, 26.1912, 27.4432

# Monochromacy



## Original Color

32.1903, 26.1272, 31.3634

## Achromatopsia

26.1081, 27.4677, 29.9124

## Achromatomaly

27.8754, 26.6414, 30.4612

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 32.1903, 26.1272, 31.3634 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(185, 121, 148)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 148)  
}
```

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(185, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 148) }
```

## Border

The CSS property to change the border of an element to XYZ 32.1903, 26.1272, 31.3634 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(185, 121, 148) }
```



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

```
.border{ border-color:rgb(185, 121, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 148);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
148) }
```

# Background

The CSS property to change the background color of an element to XYZ 32.1903, 26.1272, 31.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 148) }
```

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

```
.background{ background-color: rgb(185,  
121, 148) }
```

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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