

# Converting Colors

XYZ(32.4783, 26.0138, 27.1157)

Have a look what the booklet for  
XYZ(32.4783, 26.0138, 27.1157)  
contains.

<b>XYZ(32.3474, 25.9469, 26.9703)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(32.3474, 25.9469,  
26.9703)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE7789
RGB	190, 119, 137
RGB Percent	75%, 47%, 54%
CMY	0.2549, 0.5333, 0.4627
CMYK	0.00, 0.37, 0.28, 0.25
HSL	345°, 35%, 61%
HSV	345°, 37%, 75%
XYZ	32.3474, 25.9469, 26.9703
YIQ	142.2810, 36.5380, 20.6500

# Conversions

## Conversions Part 2

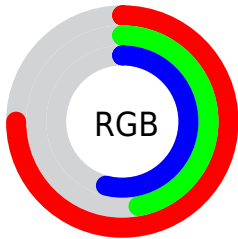
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 119, 137
Decimal	12482441
CIE <sub>Lab</sub>	57.99, 30.18, 1.96
CIE <sub>LCh</sub>	58, 30.245, 3.713
Yxy	25.9469, 0.3794, 0.3043
Android (android.graphics.Color)	4290672521 (0xFFBE7789)
YUV	142.2810, -2.6035, 41.8496
Hunter-Lab	50.9381, 24.2118, 4.2643

# Details

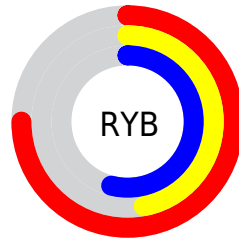
The XYZ color **32.3474, 25.9469, 26.9703** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.4687, 43.7281, 45.7082**, and the grayscale version is **25.8229, 27.1677, 29.5856**.

A 20% lighter version of the original color is **62.7582, 53.1792, 55.6721**, and **13.8401, 10.0953, 10.2360** is the 20% darker color. If you saturate the color by 10%, you get **29.3566, 21.4879, 21.2792**, and if you desaturate by 10%, it is **35.9254, 31.3659, 33.5176**.

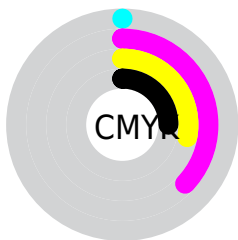
# Distribution



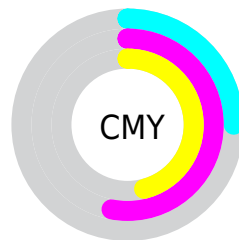
- Red (75%)
- Green (47%)
- Blue (54%)



- Red (75%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (37%)
- Yellow (28%)
- Black (25%)




- Cyan (25%)
- Magenta (53%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3474, 25.9469, 26.9703 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 32.3474, 25.9469, 26.9703 by changing the saturation by 10% instead.





 32.3474, 25.9469,  
26.9703


 32.3474, 25.9469,  
26.9703


304.4160,  
282.5213, 301.2689

 21.7838, 16.7839,  
17.3187


 62.7168, 53.1893,  
55.8394

 13.8139, 10.0806,  
10.2976


 83.2534, 72.0375,  
75.8939

 8.0721, 5.4524,  
5.4885


 107.8450, 94.8828,  
100.2531

 4.1933, 2.5151,  
2.4730

136.8570,  
122.1098, 129.3356

 1.8121, 0.8842,  
0.8258

170.6547,  
154.1027, 163.5599

 0.5249, 0.0000,  
0.0000

209.6036,

 0.0000, 0.0000,

191.2460, 203.3445

0.0000

254.0689,  
233.9241, 249.1080

■ 32.3474, 25.9469,  
26.9703

■ 32.3474, 25.9469,  
26.9703

■ 29.3566, 21.4879,  
21.2792

■ 35.9254, 31.3659,  
33.5176

■ 26.9187, 17.9290,  
16.4066

■ 40.1182, 37.7928,  
40.9538

■ 24.9988, 15.2092,  
12.3138


■ 44.9543, 45.2768,  
49.3113

■ 23.5571, 13.2584,  
8.9585


■ 50.4595, 53.8628,  
58.6209


■ 22.5478, 11.9950,  
6.2937

■ 56.6585, 63.5930,  
68.9115


 21.9072, 11.3029,  
4.2638

 63.5744, 74.5073,  
80.2110

 21.7722, 11.1619,  
3.8208

 71.2295, 86.6440,  
92.5461

 74.3247, 89.3990,  
104.1692

 75.0453, 89.6872,  
107.9638

# Harmonies

## Analogous

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



31.5030, 25.9469, 38.1187



32.3474, 25.9469, 26.9703



30.9711, 25.9469, 18.5015

# Triad

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



32.3474, 25.9469, 26.9703



20.9686, 25.9469, 14.6158



21.6829, 25.9469, 50.3707

# Complementary

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



32.3474, 25.9469, 26.9703



33.4687, 43.7281, 45.7082

# 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.



19.2733, 25.9469, 40.9376



32.3474, 25.9469, 26.9703



18.8904, 25.9469, 20.2539

# Square

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



32.3474, 25.9469, 26.9703



24.2101, 25.9469, 12.5689



18.3015, 25.9469, 29.5732



25.1189, 25.9469, 53.4240



# Rectangle

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



32.3474, 25.9469, 26.9703



29.0520, 25.9469, 14.9521



18.3015, 25.9469, 29.5732



20.7377, 25.9469, 47.7430

# Sweetspot

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



32.3481, 25.9481, 26.9708



77.9821, 76.6467, 83.3850



32.7011, 25.5781, 51.9290



16.8583, 16.4193, 17.8516



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



32.3481, 25.9481, 26.9708



54.0156, 40.1478, 40.1462



33.3091, 29.7668, 21.4442



9.6267, 9.5750, 10.4234



14.5045, 7.4330, 2.6845



0.5956, 0.3021, 0.2497



# Inverse Universe

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



32.3481, 25.9481, 26.9708



54.0156, 40.1478, 40.1462



31.9298, 37.6941, 54.3083



9.6267, 9.5750, 10.4234



14.5045, 7.4330, 2.6845

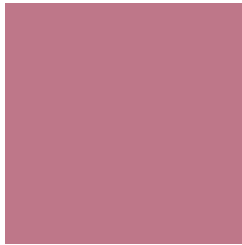


0.5956, 0.3021, 0.2497



# Previews

## White Background



This preview shows how the XYZ color 32.3474, 25.9469, 26.9703 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

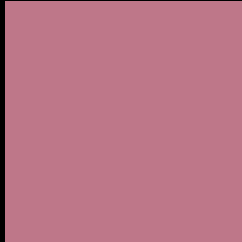
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 32.3474, 25.9469, 26.9703 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 32.3474, 25.9469, 26.9703**

## **Background**



This preview shows how black text looks on a background with the XYZ color 32.3474, 25.9469, 26.9703.



This preview shows how white text looks on a background with the XYZ color 32.3474, 25.9469,



# 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

32.3474, 25.9469, 26.9703

### Protanopia

25.4727, 26.2106, 32.1504

### Deuteranopia

26.4846, 26.0177, 26.1803



## Tritanopia

31.6652, 25.8367, 24.0869

# Trichromacy



## Original Color

32.3474, 25.9469, 26.9703

## Protanomaly

27.4626, 25.8160, 30.3236

## Deuteranomaly

28.3719, 25.7746, 26.4013

## Tritanomaly

31.8676, 25.9177, 25.1528

# Monochromacy



## Original Color

32.3474, 25.9469, 26.9703

## Achromatopsia

25.7108, 27.0498, 29.4572

## Achromatomaly

27.5568, 26.3146, 28.4378

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 32.3474, 25.9469, 26.9703 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(190, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(190, 119, 137)  
}
```

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(190, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 119, 137) }
```

## Border

The CSS property to change the border of an element to XYZ 32.3474, 25.9469, 26.9703 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(190, 119, 137) }
```



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

```
.border{ border-color:rgb(190, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 119, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 119, 137); box-shadow:4px 4px 4px 4px rgb(190, 119, 137) }
```

# Background

The CSS property to change the background color of an element to XYZ 32.3474, 25.9469, 26.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 119, 137) }
```

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

```
.background{ background-color: rgb(190,  
119, 137) }
```

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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