

Converting Colors

XYZ(32.0262, 25.7496, 27.1204)

Have a look what the booklet for
XYZ(32.0262, 25.7496, 27.1204)
contains.

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Color

**XYZ(32.0984, 25.8186,
26.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7789
RGB	189, 119, 137
RGB Percent	74%, 47%, 54%
CMY	0.2588, 0.5333, 0.4627
CMYK	0.00, 0.37, 0.28, 0.26
HSL	345°, 35%, 60%
HSV	345°, 37%, 74%
XYZ	32.0984, 25.8186, 26.9586
YIQ	141.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

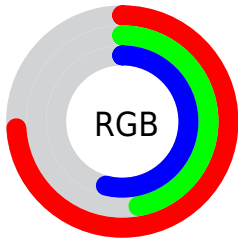
Format	Color
R_{YB}	189, 119, 137
Decimal	12416905
CIE _{Lab}	57.86, 29.81, 1.77
CIE _{LCh}	58, 29.863, 3.391
Yxy	25.8186, 0.3782, 0.3042
Android (android.graphics.Color)	4290606985 (0xFFBD7789)
YUV	141.9820, -2.4561, 41.2348
Hunter-Lab	50.8120, 23.8390, 4.1118

Details

The XYZ color **32.0984, 25.8186, 26.9586** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.1571, 43.2579, 45.1323**, and the grayscale version is **25.7041, 27.0427, 29.4495**.

A 20% lighter version of the original color is **62.4046, 52.9969, 55.6555**, and **13.6799, 10.0127, 10.2285** is the 20% darker color. If you saturate the color by 10%, you get **29.1262, 21.3824, 21.3178**, and if you desaturate by 10%, it is **35.6504, 31.2043, 33.4399**.

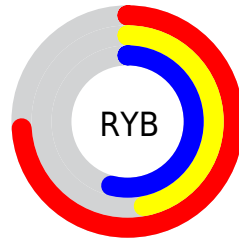
Distribution



Red (74%)

Green (47%)

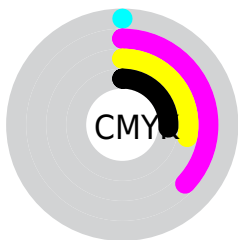
Blue (54%)



Red (74%)

Yellow (47%)

Blue (54%)

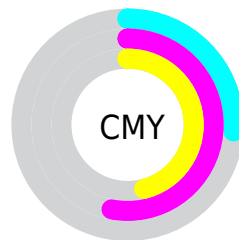


Cyan (0%)

Magenta (37%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (53%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0984, 25.8186, 26.9586 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 32.0984, 25.8186, 26.9586 by changing the saturation by 10% instead.


 32.0984, 25.8186,
26.9586


 32.0984, 25.8186,
26.9586


303.3046,
281.8905, 301.2104


 21.5926, 16.6880,
17.3100


 62.3295, 52.9822,
55.8204

 13.6728, 10.0123,
10.2914


 82.7854, 71.7839,
75.8706

 7.9736, 5.4071,
5.4845


 107.2888, 94.5781,
100.2250

 4.1297, 2.4880,
2.4706

136.2050,
121.7492, 129.3023

 1.7758, 0.8706,
0.8245

169.8993,
153.6816, 163.5210

 0.5030, 0.0000,
0.0000

208.7371,

 0.0000, 0.0000,

190.7597, 203.2995

0.0000

253.0837,
233.3678, 249.0565

■ 32.0984, 25.8186,
26.9586

■ 32.0984, 25.8186,
26.9586

■ 29.1262, 21.3824,
21.3178

■ 35.6504, 31.2043,
33.4399

■ 26.6999, 17.8366,
16.4807

■ 39.8093, 37.5865,
40.7934

■ 24.7856, 15.1214,
12.4099


■ 44.6030, 45.0136,
49.0508


■ 23.3441, 13.1678,
9.0639


■ 50.0570, 53.5299,
58.2421

■ 22.3304, 11.8959,
6.3975


■ 56.1953, 63.1768,
68.3954


 21.6841, 11.1953,
4.3568

 63.0410, 73.9939,
79.5380

 21.5321, 11.0371,
3.8563

 70.6157, 86.0187,
91.6958

 73.8963, 89.1988,
103.2127

 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



31.2458, 25.8186, 37.9326



32.0984, 25.8186, 26.9586



30.7685, 25.8186, 18.5727

Triad

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



32.0984, 25.8186, 26.9586



20.9324, 25.8186, 14.6222



21.5751, 25.8186, 49.7592

Complementary

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



32.0984, 25.8186, 26.9586



33.1571, 43.2579, 45.1323

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.



19.2142, 25.8186, 40.4605



32.0984, 25.8186, 26.9586



18.8693, 25.8186, 20.1521

Square

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



32.0984, 25.8186, 26.9586



24.1337, 25.8186, 12.6313



18.2720, 25.8186, 29.2980



24.9505, 25.8186, 52.8348

Rectangle

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



32.0984, 25.8186, 26.9586



28.8924, 25.8186, 15.0382



18.2720, 25.8186, 29.2980



20.6479, 25.8186, 47.1620

Sweetspot

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



32.0991, 25.8198, 26.9591



76.1873, 74.8780, 81.5252



32.4328, 25.4524, 51.3476



16.1334, 15.7142, 17.1005



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.0991, 25.8198, 26.9591



53.3162, 40.0015, 40.4038



33.0275, 29.5730, 21.4218



9.6281, 9.5756, 10.4308



14.5143, 7.4369, 2.7362



0.5962, 0.3024, 0.2529

Inverse Universe

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



32.0991, 25.8198, 26.9591



53.3162, 40.0015, 40.4038



31.6737, 37.3563, 53.6853



9.6281, 9.5756, 10.4308



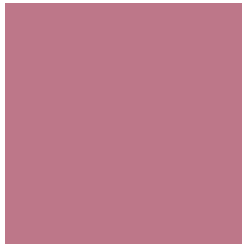
14.5143, 7.4369, 2.7362



0.5962, 0.3024, 0.2529

Previews

White Background



This preview shows how the XYZ color 32.0984, 25.8186, 26.9586 looks on a white background.

Color Contrast Check

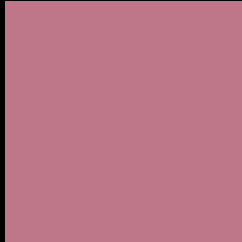
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0984, 25.8186, 26.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

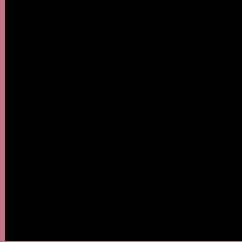
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0984, 25.8186, 26.9586

Background



This preview shows how black text looks on a background with the XYZ color 32.0984, 25.8186, 26.9586.



This preview shows how white text looks on a background with the XYZ color 32.0984, 25.8186,

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

32.0984, 25.8186, 26.9586

Protanopia

25.2254, 26.0923, 31.7238

Deuteranopia

26.4846, 26.0177, 26.1803



Tritanopia

31.4180, 25.7093, 24.0754

Trichromacy



Original Color

32.0984, 25.8186, 26.9586

Protanomaly

27.1899, 25.6842, 29.9100

Deuteranomaly

28.1598, 25.6653, 26.3914

Tritanomaly

31.6204, 25.7903, 25.1412

Monochromacy



Original Color

32.0984, 25.8186, 26.9586

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 32.0984, 25.8186, 26.9586 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(189, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 119, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.0984, 25.8186, 26.9586 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(189, 119, 137) }
```


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

```
.border{ border-color:rgb(189, 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(189, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 119, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 119, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 119,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0984, 25.8186, 26.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 119, 137) }
```

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

```
.background{ background-color: rgb(189,  
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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