

Converting Colors

XYZ(32.8511, 26.4944, 35.2464)

Have a look what the booklet for
XYZ(32.8511, 26.4944, 35.2464)
contains.

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Color

**XYZ(32.8125, 26.5437,
35.2923)**

Conversions

Conversions Part 1

Format	Color
Hex	B87A9D
RGB	184, 122, 157
RGB Percent	72%, 48%, 62%
CMY	0.2784, 0.5216, 0.3843
CMYK	0.00, 0.34, 0.15, 0.28
HSL	326°, 30%, 60%
HSV	326°, 34%, 72%
XYZ	32.8125, 26.5437, 35.2923
YIQ	144.5280, 25.7170, 24.0290

Conversions

Conversions Part 2

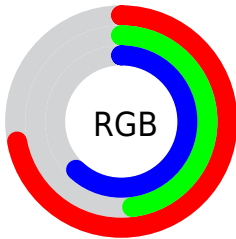
Format	Color
RYB	184, 122, 157
Decimal	12090013
CIELab	58.55, 29.42, -8.85
CIELCh	59, 30.723, 343.257
Yxy	26.5437, 0.3467, 0.2804
Android (android.graphics.Color)	4290280093 (0xFFB87A9D)
YUV	144.5280, 6.1487, 34.6169
Hunter-Lab	51.5206, 23.5223, -4.5501

Details

The XYZ color **32.8125, 26.5437, 35.2923** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.5925, 40.5893, 34.6577**, and the grayscale version is **26.6916, 28.0816, 30.5809**.

A 20% lighter version of the original color is **63.4893, 54.1142, 69.3862**, and **14.1248, 10.4212, 14.9027** is the 20% darker color. If you saturate the color by 10%, you get **30.1017, 22.1811, 31.1233**, and if you desaturate by 10%, it is **35.9975, 31.7821, 39.8414**.

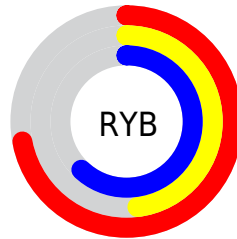
Distribution



Red (72%)

Green (48%)

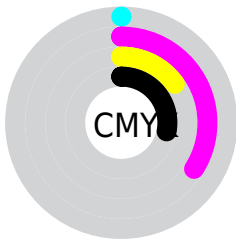
Blue (62%)



Red (72%)

Yellow (48%)

Blue (62%)

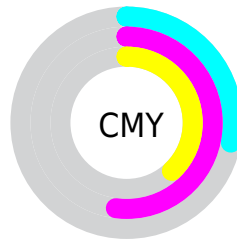


Cyan (0%)

Magenta (34%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8125, 26.5437, 35.2923 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 32.8125, 26.5437, 35.2923 by changing the saturation by 10% instead.


 32.8125, 26.5437,
35.2923

 32.8125, 26.5437,
35.2923


306.4840,
285.4410, 340.8000


 22.1414, 17.2308,
23.6028


 63.4393, 54.1508,
69.0950

 14.0780, 10.3992,
14.8297


 84.1258, 73.2138,
92.0453

 8.2570, 5.6644,
8.5547


 108.8813, 96.2956,
119.5863

 4.3130, 2.6421,
4.3591

138.0714,
123.7806, 152.1365

 1.8807, 0.9479,
1.8243

172.0614,
156.0533, 190.1144

 0.5656, 0.0000,
0.4439

211.2165,

 0.0000, 0.0000,

193.4980, 233.9386

0.0000

255.9023,
236.4991, 284.0276

■ 32.8125, 26.5437,
35.2923

■ 32.8125, 26.5437,
35.2923

■ 30.1017, 22.1811,
31.1233

■ 35.9975, 31.7821,
39.8414

■ 27.8377, 18.6419,
27.3202

■ 39.6774, 37.9377,
44.7806

■ 25.9938, 15.8739,
23.8699


■ 43.8746, 45.0535,
50.1219


■ 24.5392, 13.8169,
20.7579


■ 48.6094, 53.1687,
55.8757


■ 23.4387, 12.4020,
17.9676


■ 53.9009, 62.3203,
62.0522


 22.6501, 11.5463,
15.4804

 59.7673, 72.5435,
68.6612

 22.2593, 11.1872,
14.0474

 66.2259, 83.8719,
75.7122

 68.5929, 86.9367,
81.6473

 69.6872, 87.3744,
87.4097

Harmonies

Analogous

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



30.5200, 26.5437, 46.7749



32.8125, 26.5437, 35.2923



32.9484, 26.5437, 24.4046

Triad

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



32.8125, 26.5437, 35.2923



23.6056, 26.5437, 13.0585



20.3173, 26.5437, 45.5570

Complementary

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



32.8125, 26.5437, 35.2923



30.5925, 40.5893, 34.6577

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.



18.8206, 26.5437, 33.9196



32.8125, 26.5437, 35.2923



20.5878, 26.5437, 16.2832

Square

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



32.8125, 26.5437, 35.2923



27.3716, 26.5437, 13.2515



18.9144, 26.5437, 23.3330



23.2013, 26.5437, 53.6369

Rectangle

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



32.8125, 26.5437, 35.2923



31.7769, 26.5437, 18.9609



18.9144, 26.5437, 23.3330



19.6487, 26.5437, 41.8219

Sweetspot

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



32.8133, 26.5449, 35.2928



74.4995, 73.1180, 84.5065



27.9825, 23.7581, 48.4588



15.8381, 15.3866, 17.9316



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.



32.8133, 26.5449, 35.2928



55.9659, 42.4394, 58.6337



30.5022, 25.6205, 23.1228



9.2112, 9.0948, 10.4596



15.3768, 7.7245, 9.8711



0.5725, 0.2845, 0.5085

Inverse Universe

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



32.8133, 26.5449, 35.2928



55.9659, 42.4394, 58.6337



33.3920, 41.7091, 49.4001



9.2112, 9.0948, 10.4596



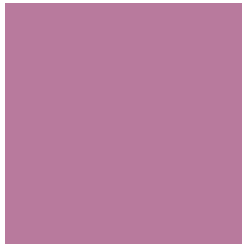
15.3768, 7.7245, 9.8711



0.5725, 0.2845, 0.5085

Previews

White Background



This preview shows how the XYZ color 32.8125, 26.5437, 35.2923 looks on a white background.

Color Contrast Check

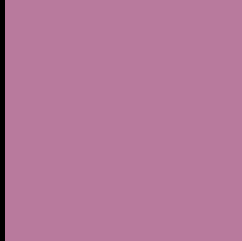
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8125, 26.5437, 35.2923 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 32.8125, 26.5437, 35.2923

Background



This preview shows how black text looks on a background with the XYZ color 32.8125, 26.5437, 35.2923.



This preview shows how white text looks on a background with the XYZ color 32.8125, 26.5437,

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

32.8125, 26.5437, 35.2923

Protanopia

26.5312, 26.7716, 41.3052

Deuteranopia

27.1728, 26.6140, 34.2767



Tritanopia

31.1254, 26.6161, 26.4186

Trichromacy



Original Color

32.8125, 26.5437, 35.2923

Protanomaly

28.3159, 26.2640, 39.1744

Deuteranomaly

29.0680, 26.5505, 34.6031

Tritanomaly

31.8200, 26.7177, 29.4665

Monochromacy



Original Color

32.8125, 26.5437, 35.2923

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.6686, 27.4322, 32.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8125, 26.5437, 35.2923 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(184, 122, 157)` looks like.

```
.text, #text, p{  
    color:rgb(184, 122, 157)  
}
```

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(184, 122, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 122, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.8125, 26.5437, 35.2923 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(184, 122, 157) }
```


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

```
.border{ border-color:rgb(184, 122, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 122, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 122, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 122, 157);  
box-shadow:4px 4px 4px 4px rgb(184, 122,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8125, 26.5437, 35.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 122, 157) }
```

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

```
.background{ background-color: rgb(184,  
122, 157) }
```

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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