

Converting Colors

XYZ(34.8281, 26.4206, 41.9723)

Have a look what the booklet for
XYZ(34.8281, 26.4206, 41.9723)
contains.

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Color

**XYZ(34.8313, 26.3782,
41.7838)**

Conversions

Conversions Part 1

Format	Color
Hex	BE74AB
RGB	190, 116, 171
RGB Percent	75%, 45%, 67%
CMY	0.2549, 0.5451, 0.3294
CMYK	0.00, 0.39, 0.10, 0.25
HSL	315°, 36%, 60%
HSV	315°, 39%, 75%
XYZ	34.8313, 26.3782, 41.7838
YIQ	144.3960, 26.4490, 32.7930

Conversions

Conversions Part 2

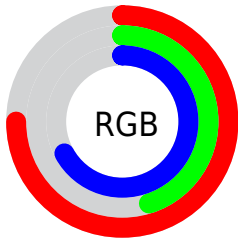
Format	Color
R _Y B	190, 116, 171
Decimal	12481707
CIE Lab	58.39, 37.14, -17.07
CIE LCh	58, 40.876, 335.314
Yxy	26.3782, 0.3382, 0.2561
Android (android.graphics.Color)	4290671787 (0xFFBE74AB)
YUV	144.3960, 13.1158, 39.9947
Hunter-Lab	51.3597, 31.1762, -12.2837

Details

The XYZ color **34.8313, 26.3782, 41.7838** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.9902, 42.2900, 29.5056**, and the grayscale version is **26.6109, 27.9967, 30.4884**.

A 20% lighter version of the original color is **66.2732, 53.6411, 78.8123**, and **15.2117, 10.2634, 18.6320** is the 20% darker color. If you saturate the color by 10%, you get **32.4047, 22.2551, 38.7229**, and if you desaturate by 10%, it is **37.7246, 31.4063, 45.0855**.

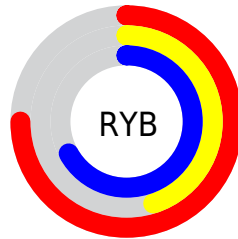
Distribution



Red (75%)

Green (45%)

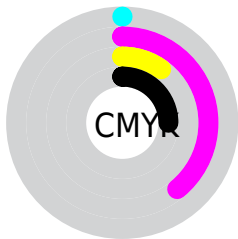
Blue (67%)



Red (75%)

Yellow (45%)

Blue (67%)

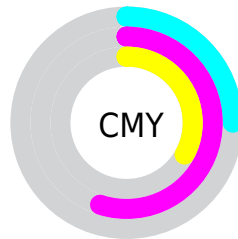


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (55%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8313, 26.3782, 41.7838 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 34.8313, 26.3782, 41.7838 by changing the saturation by 10% instead.


 34.8313, 26.3782,
41.7838


 34.8313, 26.3782,
41.7838


315.3442,
284.6337, 369.3591

 23.6989, 17.1068,
28.6077


 66.5601, 53.8844,
79.1389

 15.2339, 10.3107,
18.5413


 87.8871, 72.8881,
104.1549

 9.0711, 5.6054,
11.1658

 113.3431, 95.9046,
133.9548

 4.8451, 2.6067,
6.0629

143.2934,
123.3183, 168.9569

 2.1905, 0.9300,
2.8140

178.1032,
155.5137, 209.5799

 0.7377, 0.0000,
1.0004

218.1381,

 0.0000, 0.0000,

192.8751, 256.2422

0.0000

263.7633,
235.7870, 309.3624

■ 34.8313, 26.3782,
41.7838

■ 34.8313, 26.3782,
41.7838

■ 32.4047, 22.2551,
38.7229

■ 37.7246, 31.4063,
45.0855

■ 30.4147, 18.9785,
35.8910

■ 41.1075, 37.3863,
48.6357

■ 28.8313, 16.4883,
33.2776

■ 45.0043, 44.3660,
52.4437

■ 27.6199, 14.7153,
30.8701

■ 49.4369, 52.3890,
56.5176

■ 26.7394, 13.5780,
28.6540

■ 54.4259, 61.4963,
60.8652

■ 26.1193, 12.9356,
26.6047

■ 59.9909, 71.7267,
65.4937

■ 26.0591, 12.8767,
26.3949

■ 66.1505, 83.1170,
70.4103

■ 68.6321, 87.1219,
74.1915

■ 69.2495, 87.3689,
77.4427

Harmonies

Analogous

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



31.0324, 26.3782, 57.4598



34.8313, 26.3782, 41.7838



35.8814, 26.3782, 26.2528

Triad

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



34.8313, 26.3782, 41.7838



24.1942, 26.3782, 9.1384



18.0335, 26.3782, 47.6977

Complementary

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



34.8313, 26.3782, 41.7838



29.9902, 42.2900, 29.5056

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.



16.6854, 26.3782, 31.3401



34.8313, 26.3782, 41.7838



19.9277, 26.3782, 11.6364

Square

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



34.8313, 26.3782, 41.7838



29.2931, 26.3782, 10.2989



17.3301, 26.3782, 18.7118



21.2767, 26.3782, 61.5925

Rectangle

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



34.8313, 26.3782, 41.7838



34.7761, 26.3782, 18.5078



17.3301, 26.3782, 18.7118



17.3648, 26.3782, 42.1346

Sweetspot

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



34.8321, 26.3794, 41.7843



79.1546, 76.0838, 92.7405



25.4523, 21.3194, 51.4893



17.1737, 16.3344, 20.1632



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.



34.8321, 26.3794, 41.7843



59.1999, 41.1319, 70.8056



31.8197, 25.1744, 25.9209



9.8225, 9.6533, 11.4541



17.3609, 8.5755, 17.7257



0.7052, 0.3460, 0.8268

Inverse Universe

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



34.8321, 26.3794, 41.7843



59.1999, 41.1319, 70.8056



33.0154, 43.5001, 45.4356



9.8225, 9.6533, 11.4541



17.3609, 8.5755, 17.7257



0.7052, 0.3460, 0.8268

Previews

White Background



This preview shows how the XYZ color 34.8313, 26.3782, 41.7838 looks on a white background.

Color Contrast Check

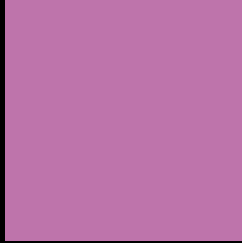
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8313, 26.3782, 41.7838 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 34.8313, 26.3782, 41.7838

Background



This preview shows how black text looks on a background with the XYZ color 34.8313, 26.3782, 41.7838.



This preview shows how white text looks on a background with the XYZ color 34.8313, 26.3782,

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

34.8313, 26.3782, 41.7838

Protanopia

27.0621, 26.6081, 51.2865

Deuteranopia

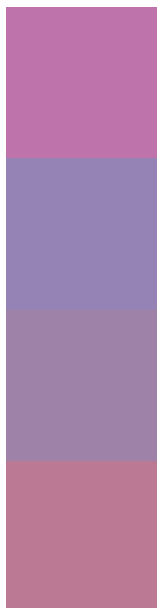
27.2189, 26.7178, 40.2817



Tritanopia

31.6910, 26.5479, 25.6443

Trichromacy



Original Color

34.8313, 26.3782, 41.7838

Protanomaly

29.1375, 26.0940, 47.7569

Deuteranomaly

29.3486, 26.1633, 40.5490

Tritanomaly

32.5973, 26.3461, 30.9710

Monochromacy



Original Color

34.8313, 26.3782, 41.7838

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.0558, 26.9604, 34.2443

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8313, 26.3782, 41.7838 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, 116, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 116, 171)  
}
```

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, 116, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 116, 171) }
```

Border

The CSS property to change the border of an element to XYZ 34.8313, 26.3782, 41.7838 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, 116, 171) }
```


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

```
.border{ border-color:rgb(190, 116, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 116, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 116, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 116, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 116,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8313, 26.3782, 41.7838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 116, 171) }
```

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

```
.background{ background-color: rgb(190,  
116, 171) }
```

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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