

Converting Colors

XYZ(33.6316, 26.6354, 47.9368)

Have a look what the booklet for
XYZ(33.6316, 26.6354, 47.9368)
contains.

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Color

**XYZ(33.6382, 26.6851,
48.1776)**

Conversions

Conversions Part 1

Format	Color
Hex	B17AB7
RGB	177, 122, 183
RGB Percent	69%, 48%, 72%
CMY	0.3059, 0.5216, 0.2823
CMYK	0.03, 0.33, 0.00, 0.28
HSL	294°, 30%, 60%
HSV	294°, 33%, 72%
XYZ	33.6382, 26.6851, 48.1776
YIQ	145.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

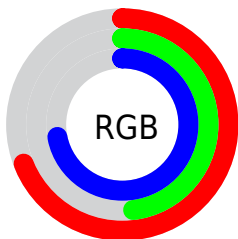
Format	Color
RYB	177, 122, 183
Decimal	11631287
CIELab	58.68, 31.77, -23.64
CIElCh	59, 39.600, 323.345
Yxy	26.6851, 0.3100, 0.2459
Android (android.graphics.Color)	4289821367 (0xFFB17AB7)
YUV	145.3990, 18.5373, 27.7141
Hunter-Lab	51.6576, 25.8341, -19.1355

Details

The XYZ color **33.6382, 26.6851, 48.1776** is a light color, and the websafe version is hex **996699**. A complement of this color would be **29.3495, 39.8621, 24.5610**, and the grayscale version is **26.9998, 28.4059, 30.9341**.

A 20% lighter version of the original color is **64.5142, 54.2156, 88.7257**, and **14.5150, 10.4574, 22.3725** is the 20% darker color. If you saturate the color by 10%, you get **31.1922, 22.3973, 47.4793**, and if you desaturate by 10%, it is **36.5144, 31.8242, 49.0183**.

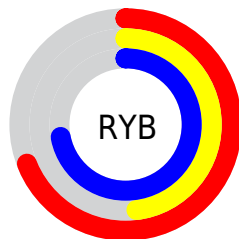
Distribution



Red (69%)

Green (48%)

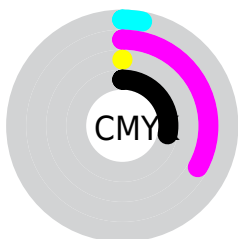
Blue (72%)



Red (69%)

Yellow (48%)

Blue (72%)

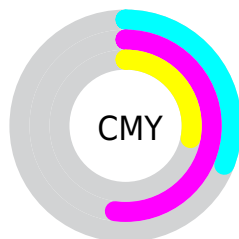


Cyan (3%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6382, 26.6851, 48.1776 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 33.6382, 26.6851, 48.1776 by changing the saturation by 10% instead.

■ 33.6382, 26.6851,
48.1776

■ 33.6382, 26.6851,
48.1776

310.1302,
286.1292, 396.0247

■ 22.7774, 17.3369,
33.6066

■ 64.7187, 54.3781,
88.8371

■ 14.5490, 10.4750,
22.3166

■ 85.6690, 73.4917,
115.7626

■ 8.5877, 5.7150,
13.8892

■ 110.7133, 96.6292,
147.6433

■ 4.5282, 2.6726,
7.9058

140.2167,
124.1750, 184.8979

■ 2.0051, 0.9633,
3.9478

174.5448,
156.5135, 227.9447

■ 0.6368, 0.0000,
1.5967

214.0628,

■ 0.0000, 0.0000,

194.0291, 277.2025

0.2885

259.1362,
237.1062, 333.0896

■ 0.0000, 0.0000,
0.0000

■ 33.6382, 26.6851,
48.1776

■ 33.6382, 26.6851,
48.1776

■ 31.1922, 22.3973,
47.4793

■ 36.5144, 31.8242,
49.0183

■ 29.1501, 18.9097,
46.9137

■ 39.8402, 37.8549,
50.0071

■ 27.4864, 16.1712,
46.4728

■ 43.6369, 44.8195,
51.1513

■ 26.1720, 14.1230,
46.1468

■ 47.9237, 52.7561,
52.4573

■ 25.1731, 12.6981,
45.9244

■ 52.7187, 61.7009,
53.9311

■ 24.4493, 11.8155,
45.7922

■ 58.0391, 71.6884,
55.5784

■ 24.0644, 11.4183,
45.7358

■ 63.9013, 82.7512,
57.4048

■ 65.8943, 86.0674,
57.9399

■ 66.3510, 86.3029,
57.9612

Harmonies

Analogous

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



29.2564, 26.6851, 61.2724



33.6382, 26.6851, 48.1776



35.8430, 26.6851, 32.2743

Triad

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



33.6382, 26.6851, 48.1776



26.4637, 26.6851, 9.7342



17.7034, 26.6851, 41.0257

Complementary

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



33.6382, 26.6851, 48.1776



29.3495, 39.8621, 24.5610

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.



17.1558, 26.6851, 26.0583



33.6382, 26.6851, 48.1776



21.8320, 26.6851, 10.7384

Square

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



33.6382, 26.6851, 48.1776



31.3719, 26.6851, 12.4191



18.5708, 26.6851, 15.8101



20.1756, 26.6851, 56.3042

Rectangle

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



33.6382, 26.6851, 48.1776



35.6047, 26.6851, 23.2968



18.5708, 26.6851, 15.8101



17.3024, 26.6851, 35.6927

Sweetspot

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



33.6391, 26.6863, 48.1782



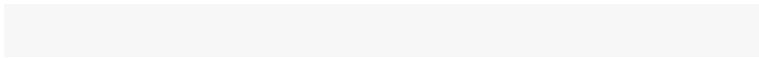
73.4125, 71.5619, 90.1793



24.3067, 23.0223, 47.9628



16.0109, 15.4333, 19.8567



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.



33.6391, 26.6863, 48.1782



56.9618, 42.0200, 85.3442



32.7122, 26.4769, 36.0066



9.2915, 9.1167, 11.3494



16.8200, 7.9822, 31.9073



0.6183, 0.2945, 1.1260

Inverse Universe

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



30.3852, 25.5461, 23.7529



50.3278, 39.7174, 34.5568



30.1800, 40.0931, 33.5068



9.0395, 9.0262, 9.5557



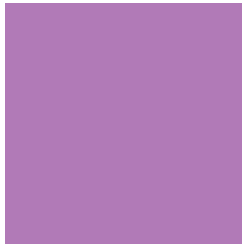
13.7118, 7.0585, 1.1030



0.4954, 0.2536, 0.1021

Previews

White Background



This preview shows how the XYZ color 33.6382, 26.6851, 48.1776 looks on a white background.

Color Contrast Check

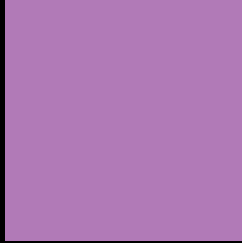
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6382, 26.6851, 48.1776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

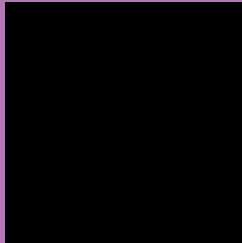
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6382, 26.6851, 48.1776

Background



This preview shows how black text looks on a background with the XYZ color 33.6382, 26.6851, 48.1776.



This preview shows how white text looks on a background with the XYZ color 33.6382, 26.6851,

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

33.6382, 26.6851, 48.1776

Protanopia

27.6541, 27.0268, 55.9837

Deuteranopia

27.4625, 26.9114, 46.9270



Tritanopia

29.5849, 26.5463, 28.7640

Trichromacy



Original Color

33.6382, 26.6851, 48.1776

Protanomaly

29.1192, 26.3763, 52.8466

Deuteranomaly

29.3057, 26.5953, 47.3049

Tritanomaly

30.8237, 26.4633, 34.9358

Monochromacy



Original Color

33.6382, 26.6851, 48.1776

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1083, 27.5626, 36.5868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6382, 26.6851, 48.1776 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(177, 122, 183)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 183)  
}
```

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(177, 122, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 183) }
```

Border

The CSS property to change the border of an element to XYZ 33.6382, 26.6851, 48.1776 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(177, 122, 183) }
```


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

```
.border{ border-color:rgb(177, 122, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 122, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 122, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 122, 183);  
box-shadow:4px 4px 4px 4px rgb(177, 122,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6382, 26.6851, 48.1776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 183) }
```

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

```
.background{ background-color: rgb(177,  
122, 183) }
```

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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