

Converting Colors

XYZ(32.5178, 26.1890, 48.4250)

Have a look what the booklet for
XYZ(32.5178, 26.1890, 48.4250)
contains.

XYZ(32.4058, 26.0377, 48.6652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.4058, 26.0377,
48.6652)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7AB8
RGB	171, 122, 184
RGB Percent	67%, 48%, 72%
CMY	0.3294, 0.5216, 0.2784
CMYK	0.07, 0.34, 0.00, 0.28
HSL	287°, 30%, 60%
HSV	287°, 34%, 72%
XYZ	32.4058, 26.0377, 48.6652
YIQ	143.7190, 9.3020, 29.6700

Conversions

Conversions Part 2

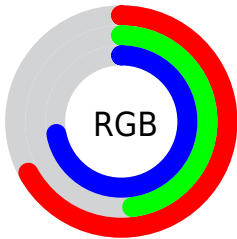
Format	Color
R _{YB}	171, 122, 184
Decimal	11238072
CIE Lab	58.07, 30.02, -25.20
CIE LCh	58, 39.197, 319.985
Yxy	26.0377, 0.3026, 0.2431
Android (android.graphics.Color)	4289428152 (0xFFAB7AB8)
YUV	143.7190, 19.8585, 23.9254
Hunter-Lab	51.0271, 24.0624, -20.8266

Details

The XYZ color **32.4058, 26.0377, 48.6652** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.6460, 40.8377, 24.6809**, and the grayscale version is **26.3172, 27.6877, 30.1519**.

A 20% lighter version of the original color is **62.7367, 53.2821, 89.4160**, and **13.8853, 10.1250, 22.6952** is the 20% darker color. If you saturate the color by 10%, you get **29.5289, 21.5129, 47.9438**, and if you desaturate by 10%, it is **35.7367, 31.4329, 49.5314**.

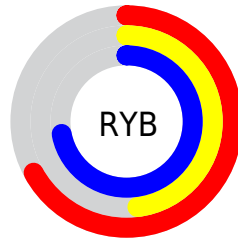
Distribution



Red (67%)

Green (48%)

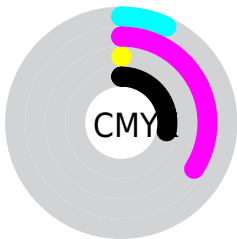
Blue (72%)



Red (67%)

Yellow (48%)

Blue (72%)

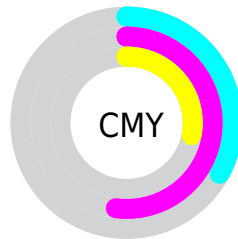


Cyan (7%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.4058, 26.0377, 48.6652 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 32.4058, 26.0377, 48.6652 by changing the saturation by 10% instead.

■ 32.4058, 26.0377,
48.6652

■ 32.4058, 26.0377,
48.6652

304.6762,
282.9671, 398.0073

■ 21.8287, 16.8518,
33.9902

■ 62.8076, 53.3358,
89.5698

■ 13.8470, 10.1289,
22.6088

■ 83.3631, 72.2168,
116.6366

■ 8.0953, 5.4845,
14.1023

■ 107.9753, 95.0983,
148.6710

■ 4.2083, 2.5343,
8.0523

137.0097,
122.3646, 186.0917

■ 1.8206, 0.8937,
4.0402

170.8317,
154.4003, 229.3171

■ 0.5301, 0.0000,
1.6474

209.8065,

■ 0.0000, 0.0000,

191.5897, 278.7658

0.3243

254.2996,
234.3172, 334.8564

■ 0.0000, 0.0000,
0.0000

■ 32.4058, 26.0377,
48.6652

■ 32.4058, 26.0377,
48.6652

■ 29.5289, 21.5129,
47.9438

■ 35.7367, 31.4329,
49.5314

■ 27.0790, 17.8065,
47.3576

■ 39.5414, 37.7397,
50.5482

■ 25.0301, 14.8664,
46.8980

■ 43.8419, 45.0010,
51.7231

■ 23.3523, 12.6327,
46.5553

■ 48.6578, 53.2558,
53.0626

■ 22.0109, 11.0369,
46.3180

■ 54.0077, 62.5408,
54.5729

■ 20.9645, 9.9963,
46.1723

■ 59.9091, 72.8911,
56.2596

■ 20.4029, 9.5186,
46.1097

■ 66.3788, 84.3399,
58.1285

■ 68.7328, 87.5186,
58.6180

■ 69.7890, 88.0631,
58.6674

Harmonies

Analogous

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



27.9958, 26.0377, 60.6388



32.4058, 26.0377, 48.6652



34.8528, 26.0377, 33.1367

Triad

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



32.4058, 26.0377, 48.6652



26.3672, 26.0377, 9.6311



17.1325, 26.0377, 38.2411

Complementary

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



32.4058, 26.0377, 48.6652



30.6460, 40.8377, 24.6809

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.



16.8136, 26.0377, 24.0491



32.4058, 26.0377, 48.6652



21.7617, 26.0377, 10.2142

Square

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



32.4058, 26.0377, 48.6652



31.0835, 26.0377, 12.6894



18.4030, 26.0377, 14.6606



19.3379, 26.0377, 53.4108

Rectangle

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



32.4058, 26.0377, 48.6652



34.8538, 26.0377, 24.0609



18.4030, 26.0377, 14.6606



16.8130, 26.0377, 33.1221

Sweetspot

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



32.4067, 26.0388, 48.6658



74.3238, 72.8537, 92.3495



25.4034, 25.0486, 48.8438



15.7943, 15.3216, 19.8465



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.



32.4067, 26.0388, 48.6658



55.0226, 41.3181, 87.2798



33.6503, 26.8796, 39.7007



9.1916, 9.0651, 11.3447



14.1216, 6.5912, 31.7810



0.5448, 0.2566, 1.1226

Inverse Universe

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



31.1008, 25.8598, 26.2752



52.4734, 41.0424, 40.2424



29.8692, 40.2999, 30.8493



9.0796, 9.0422, 9.7666



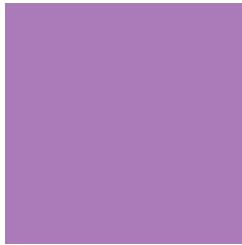
13.8925, 7.1308, 2.0550



0.5125, 0.2605, 0.1922

Previews

White Background



This preview shows how the XYZ color 32.4058, 26.0377, 48.6652 looks on a white background.

Color Contrast Check

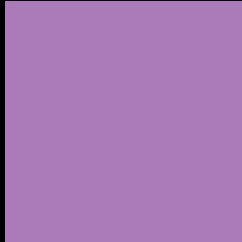
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.4058, 26.0377, 48.6652 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 32.4058, 26.0377, 48.6652

Background



This preview shows how black text looks on a background with the XYZ color 32.4058, 26.0377, 48.6652.



This preview shows how white text looks on a background with the XYZ color 32.4058, 26.0377,

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

32.4058, 26.0377, 48.6652

Protanopia

27.0783, 26.3001, 55.8738

Deuteranopia

26.6462, 26.0528, 47.3403



Tritanopia

28.4411, 26.1550, 28.7487

Trichromacy



Original Color

32.4058, 26.0377, 48.6652

Protanomaly

28.5809, 25.8837, 53.3589

Deuteranomaly

28.5488, 25.9909, 47.7680

Tritanomaly

29.7413, 26.0882, 35.3663

Monochromacy



Original Color

32.4058, 26.0377, 48.6652

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.3886, 26.9815, 36.5126

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.4058, 26.0377, 48.6652 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(171, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 184)  
}
```

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(171, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 184) }
```

Border

The CSS property to change the border of an element to XYZ 32.4058, 26.0377, 48.6652 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(171, 122, 184) }
```


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

```
.border{ border-color:rgb(171, 122, 184) }
```

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

Here you see how a box with a 4 pixel rgb(171, 122, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 32.4058, 26.0377, 48.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 184) }
```

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

```
.background{ background-color: rgb(171,  
122, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor