

Converting Colors

XYZ(32.2531, 26.1890, 49.2413)

Have a look what the booklet for
XYZ(32.2531, 26.1890, 49.2413)
contains.

XYZ(32.2021, 26.1037, 49.2402)	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(32.2021, 26.1037,
49.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	A97BB9
RGB	169, 123, 185
RGB Percent	66%, 48%, 73%
CMY	0.3372, 0.5176, 0.2745
CMYK	0.09, 0.34, 0.00, 0.27
HSL	285°, 31%, 60%
HSV	285°, 34%, 73%
XYZ	32.2021, 26.1037, 49.2402
YIQ	143.8220, 7.5140, 29.0340

Conversions

Conversions Part 2

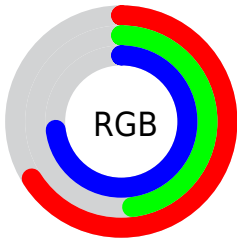
Format	Color
RYB	169, 123, 185
Decimal	11107257
CIELab	58.14, 29.02, -25.70
CIELCh	58, 38.759, 318.475
Yxy	26.1037, 0.2994, 0.2427
Android (android.graphics.Color)	4289297337 (0xFFA97BB9)
YUV	143.8220, 20.3008, 22.0811
Hunter-Lab	51.0918, 23.0943, -21.3771

Details

The XYZ color **32.2021, 26.1037, 49.2402** is a light color, and the websafe version is hex **996699**. A complement of this color would be **31.5724, 41.6176, 25.1090**, and the grayscale version is **26.3572, 27.7299, 30.1978**.

A 20% lighter version of the original color is **62.4539, 53.4091, 90.2364**, and **13.7499, 10.1440, 23.0631** is the 20% darker color. If you saturate the color by 10%, you get **29.1150, 21.4218, 48.4996**, and if you desaturate by 10%, it is **35.7620, 31.6744, 50.1282**.

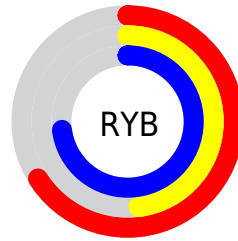
Distribution



Red (66%)

Green (48%)

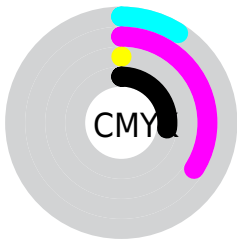
Blue (73%)



Red (66%)

Yellow (48%)

Blue (73%)

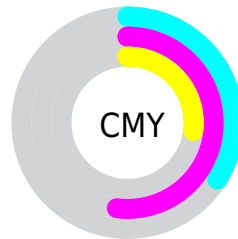


Cyan (9%)

Magenta (34%)

Yellow (0%)

Black (27%)



Cyan (34%)

Magenta (52%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.2021, 26.1037, 49.2402 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 32.2021, 26.1037, 49.2402 by changing the saturation by 10% instead.

■ 32.2021, 26.1037,
49.2402

■ 32.2021, 26.1037,
49.2402

303.7678,
283.2908, 400.3368

■ 21.6722, 16.9012,
34.4431

■ 62.4908, 53.4422,
90.4328

■ 13.7315, 10.1641,
22.9541

■ 82.9804, 72.3470,
117.6654

■ 8.0146, 5.5079,
14.3546

■ 107.5206, 95.2547,
149.8802

■ 4.1562, 2.5482,
8.2262

136.4767,
122.5498, 187.4958

■ 1.7909, 0.9007,
4.1502

170.2141,
154.6165, 230.9307

■ 0.5122, 0.0000,
1.7081

209.0982,

■ 0.0000, 0.0000,

191.8393, 280.6035

0.3663

253.4943,
234.6026, 336.9327

■ 0.0000, 0.0000,
0.0000

■ 32.2021, 26.1037,
49.2402

■ 32.2021, 26.1037,
49.2402

■ 29.1150, 21.4218,
48.4996

■ 35.7620, 31.6744,
50.1282

■ 26.4732, 17.5763,
47.8966

■ 39.8150, 38.1759,
51.1695

■ 24.2503, 14.5141,
47.4227


■ 44.3835, 45.6515,
52.3717


■ 22.4157, 12.1747,
47.0678


■ 49.4874, 54.1409,
53.7413


■ 20.9343, 10.4887,
46.8205


■ 55.1458, 63.6814,
55.2846


 19.7640, 9.3723,
46.6667

 61.3766, 74.3085,
57.0074

 19.1161, 8.8431,
46.5987

 68.1971, 86.0560,
58.9154

 70.3036, 88.3163,
59.2407

 71.6595, 89.0153,
59.3041

Harmonies

Analogous

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



27.7830, 26.1037, 60.6747



32.2021, 26.1037, 49.2402



34.7498, 26.1037, 33.9077

Triad

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



32.2021, 26.1037, 49.2402



26.6587, 26.1037, 9.8699



17.1953, 26.1037, 37.4283

Complementary

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



32.2021, 26.1037, 49.2402



31.5724, 41.6176, 25.1090

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.



16.9744, 26.1037, 23.5632



32.2021, 26.1037, 49.2402



22.0585, 26.1037, 10.2761

Square

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



32.2021, 26.1037, 49.2402



31.2901, 26.1037, 13.1272



18.6470, 26.1037, 14.4964



19.2940, 26.1037, 52.5067

Rectangle

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



32.2021, 26.1037, 49.2402



34.8543, 26.1037, 24.7798



18.6470, 26.1037, 14.4964



16.9097, 26.1037, 32.4058

Sweetspot

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



32.2030, 26.1048, 49.2408



73.9428, 72.6573, 92.3317



26.2364, 26.3349, 49.5997



15.7013, 15.2737, 19.8422



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.



32.2030, 26.1048, 49.2408



53.6414, 40.6061, 87.2152



34.3975, 27.4037, 41.7724



9.1486, 9.0430, 11.3427



13.0868, 6.0577, 31.7326



0.5155, 0.2415, 1.1212

Inverse Universe

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



31.7515, 26.3453, 27.8388



52.8999, 41.2130, 42.4881



30.0671, 40.7291, 30.1207



9.0972, 9.0492, 9.8592



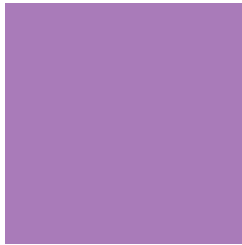
14.0088, 7.1773, 2.6671



0.5199, 0.2634, 0.2313

Previews

White Background



This preview shows how the XYZ color 32.2021, 26.1037, 49.2402 looks on a white background.

Color Contrast Check

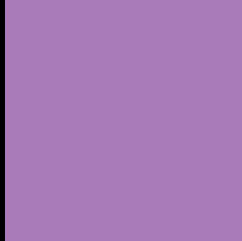
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2021, 26.1037, 49.2402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

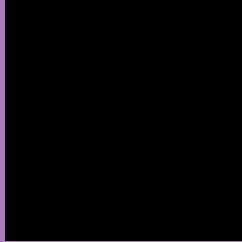
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2021, 26.1037, 49.2402

Background



This preview shows how black text looks on a background with the XYZ color 32.2021, 26.1037, 49.2402.



This preview shows how white text looks on a background with the XYZ color 32.2021, 26.1037,

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

32.2021, 26.1037, 49.2402

Protanopia

27.0783, 26.3001, 55.8738

Deuteranopia

26.8920, 26.3797, 47.9304



Tritanopia

28.2380, 26.2421, 29.1681

Trichromacy



Original Color

32.2021, 26.1037, 49.2402

Protanomaly

28.5494, 26.0698, 53.3964

Deuteranomaly

28.6118, 26.2137, 48.3515

Tritanomaly

29.5389, 26.1685, 35.8419

Monochromacy



Original Color

32.2021, 26.1037, 49.2402

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.1990, 26.8838, 36.5037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2021, 26.1037, 49.2402 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(169, 123, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 123, 185)  
}
```

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(169, 123, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 123, 185) }
```

Border

The CSS property to change the border of an element to XYZ 32.2021, 26.1037, 49.2402 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(169, 123, 185) }
```


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

```
.border{ border-color:rgb(169, 123, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 123, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 123, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 123, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 123,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2021, 26.1037, 49.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 123, 185) }
```

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

```
.background{ background-color: rgb(169,  
123, 185) }
```

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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