

Converting Colors

XYZ(37.0209, 32.1409, 48.8903)

Have a look what the booklet for
XYZ(37.0209, 32.1409, 48.8903)
contains.

XYZ(37.1282, 32.2924, 49.0759)	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(37.1282, 32.2924,
49.0759)**

Conversions

Conversions Part 1

Format	Color
Hex	B58DB7
RGB	181, 141, 183
RGB Percent	71%, 55%, 72%
CMY	0.2902, 0.4470, 0.2823
CMYK	0.01, 0.23, 0.00, 0.28
HSL	297°, 23%, 64%
HSV	297°, 23%, 72%
XYZ	37.1282, 32.2924, 49.0759
YIQ	157.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

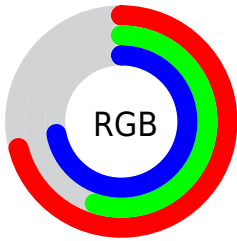
Format	Color
R _Y B	181, 141, 183
Decimal	11898295
CIE Lab	63.58, 22.47, -16.13
CIE LCh	64, 27.660, 324.327
Yxy	32.2924, 0.3133, 0.2725
Android (android.graphics.Color)	4290088375 (0xFFB58DB7)
YUV	157.7480, 12.4492, 20.3920
Hunter-Lab	56.8264, 17.1789, -11.4250

Details

The XYZ color **37.1282, 32.2924, 49.0759** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.0700, 41.6305, 31.4934**, and the grayscale version is **32.3282, 34.0118, 37.0389**.

A 20% lighter version of the original color is **70.0201, 63.2667, 90.1826**, and **16.5875, 13.5132, 22.8531** is the 20% darker color. If you saturate the color by 10%, you get **34.4463, 27.2304, 48.2407**, and if you desaturate by 10%, it is **40.2592, 38.2495, 50.0612**.

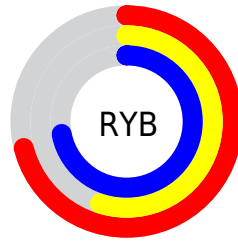
Distribution



Red (71%)

Green (55%)

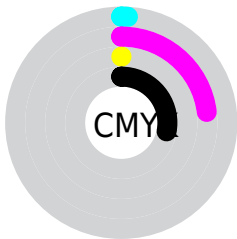
Blue (72%)



Red (71%)

Yellow (55%)

Blue (72%)

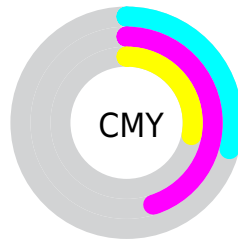


Cyan (1%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (29%)


Magenta (45%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1282, 32.2924, 49.0759 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 37.1282, 32.2924, 49.0759 by changing the saturation by 10% instead.

 37.1282, 32.2924,
49.0759


 37.1282, 32.2924,
49.0759

325.2111,
312.4491, 399.6721


 25.4809, 21.5849,
34.3137


 70.0825, 63.2692,
90.1863

 16.5663, 13.5522,
22.8554

 92.1201, 84.3073,
117.3716

 10.0192, 7.8099,
14.2824


 118.3520,
109.5578, 149.5350

 5.4740, 3.9736,
8.1764

149.1433,
139.4050, 187.0950

 2.5656, 1.6588,
4.1186

184.8596,
174.2333, 230.4701

 0.9284, 0.3968,
1.6906

225.8661,

 0.0000, 0.0000,

214.4272, 280.0790

0.3543

272.5281,
260.3710, 336.3402

■ 0.0000, 0.0000,
0.0000

■ 37.1282, 32.2924,
49.0759

■ 37.1282, 32.2924,
49.0759

■ 34.4463, 27.2304,
48.2407

■ 40.2592, 38.2495,
50.0612

■ 32.1887, 23.0157,
47.5461

■ 43.8566, 45.1383,
51.2013

■ 30.3326, 19.6020,
46.9850

■ 47.9408, 52.9985,
52.5032

■ 28.8520, 16.9374,
46.5488

■ 52.5295, 61.8661,
53.9729

■ 27.7176, 14.9634,
46.2275

■ 57.6401, 71.7754,
55.6163

■ 26.8961, 13.6134,
46.0102

■ 63.2888, 82.7590,
57.4386

■ 26.3474, 12.8070,
45.8835

■ 64.8253, 85.5163,
57.8898

■ 26.0673, 12.4508,
45.8295

■ 65.0393, 85.6266,
57.8999

■ 65.2545, 85.7376,
57.9099

Harmonies

Analogous

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



33.8542, 32.2924, 58.3137



37.1282, 32.2924, 49.0759



38.6900, 32.2924, 37.3050

Triad

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



37.1282, 32.2924, 49.0759



31.4327, 32.2924, 17.9620



24.4124, 32.2924, 44.6680

Complementary

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



37.1282, 32.2924, 49.0759



33.0700, 41.6305, 31.4934

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.



23.8816, 32.2924, 33.1006



37.1282, 32.2924, 49.0759



27.7349, 32.2924, 19.1263

Square

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



37.1282, 32.2924, 49.0759



35.2295, 32.2924, 20.5614



25.0479, 32.2924, 24.1614



26.5636, 32.2924, 55.4180

Rectangle

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



37.1282, 32.2924, 49.0759



38.4634, 32.2924, 30.1572



25.0479, 32.2924, 24.1614



24.0466, 32.2924, 40.6897

Sweetspot

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



37.1292, 32.2938, 49.0766



75.7573, 75.4930, 90.8145



29.3706, 28.7581, 48.8031



16.6472, 16.5108, 20.0311



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.



37.1292, 32.2938, 49.0766



63.7513, 52.6444, 87.0370



35.7642, 31.8024, 39.4239



9.3375, 9.1404, 11.3516



18.2016, 8.6945, 31.9719



0.6547, 0.3132, 1.1277

Inverse Universe

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



34.0123, 31.1016, 30.1985



57.1216, 50.1135, 46.6603



34.2555, 42.0650, 39.5269



9.0215, 9.0190, 9.4605



13.6639, 7.0393, 0.8512



0.4876, 0.2505, 0.0610

Previews

White Background



This preview shows how the XYZ color 37.1282, 32.2924, 49.0759 looks on a white background.

Color Contrast Check

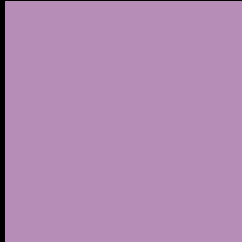
Large Text (above 18pt) WCAG AA × Fail

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 37.1282, 32.2924, 49.0759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

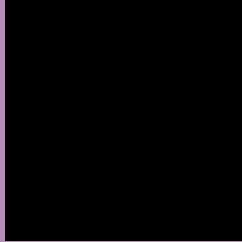
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1282, 32.2924, 49.0759

Background



This preview shows how black text looks on a background with the XYZ color 37.1282, 32.2924, 49.0759.



This preview shows how white text looks on a background with the XYZ color 37.1282, 32.2924,

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

37.1282, 32.2924, 49.0759

Protanopia

32.4723, 32.5638, 53.8642

Deuteranopia

33.1174, 32.5373, 48.2509



Tritanopia

34.4961, 32.3392, 36.3222

Trichromacy



Original Color

37.1282, 32.2924, 49.0759

Protanomaly

33.9251, 32.3948, 52.0417

Deuteranomaly

34.3943, 32.2442, 48.6669

Tritanomaly

35.2163, 32.1647, 40.4287

Monochromacy



Original Color

37.1282, 32.2924, 49.0759

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.9292, 33.3535, 41.2088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1282, 32.2924, 49.0759 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(181, 141, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 141, 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(181, 141, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 141, 183) }
```

Border

The CSS property to change the border of an element to XYZ 37.1282, 32.2924, 49.0759 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(181, 141, 183) }
```


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

```
.border{ border-color:rgb(181, 141, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 141, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 141, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 141, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 141,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1282, 32.2924, 49.0759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 141, 183) }
```

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

```
.background{ background-color: rgb(181,  
141, 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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