

Converting Colors

XYZ(37.7488, 35.0716, 49.0311)

Have a look what the booklet for
XYZ(37.7488, 35.0716, 49.0311)
contains.

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Color

**XYZ(37.8032, 35.1810,
49.0541)**

Conversions

Conversions Part 1

Format	Color
Hex	B198B6
RGB	177, 152, 182
RGB Percent	69%, 60%, 71%
CMY	0.3059, 0.4039, 0.2863
CMYK	0.03, 0.16, 0.00, 0.29
HSL	290°, 17%, 65%
HSV	290°, 16%, 71%
XYZ	37.8032, 35.1810, 49.0541
YIQ	162.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

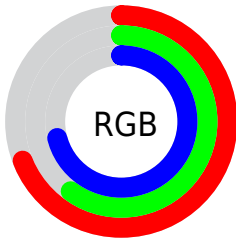
Format	Color
RYB	177, 152, 182
Decimal	11638966
CIELab	65.89, 14.73, -12.13
CIElCh	66, 19.086, 320.531
Yxy	35.1810, 0.3098, 0.2883
Android (android.graphics.Color)	4289829046 (0xFFB198B6)
YUV	162.8950, 9.4188, 12.3701
Hunter-Lab	59.3136, 9.9673, -7.5151

Details

The XYZ color **37.8032, 35.1810, 49.0541** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.3013, 42.8919, 36.0732**, and the grayscale version is **34.7194, 36.5275, 39.7784**.

A 20% lighter version of the original color is **71.1082, 67.6393, 90.1968**, and **16.9283, 15.1774, 22.8062** is the 20% darker color. If you saturate the color by 10%, you get **34.3900, 29.3685, 48.1126**, and if you desaturate by 10%, it is **41.6871, 41.9110, 50.1489**.

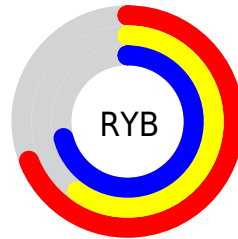
Distribution



Red (69%)

Green (60%)

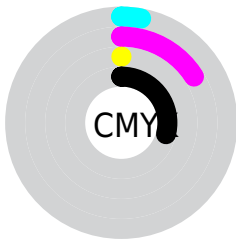
Blue (71%)



Red (69%)

Yellow (60%)

Blue (71%)

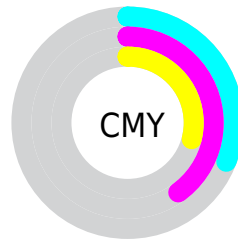


Cyan (3%)

Magenta (16%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (40%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8032, 35.1810, 49.0541 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 37.8032, 35.1810, 49.0541 by changing the saturation by 10% instead.

■ 37.8032, 35.1810,
49.0541

■ 37.8032, 35.1810,
49.0541

328.0705,
325.3665, 399.5838

■ 26.0065, 23.8023,
34.2965

■ 71.1122, 67.7661,
90.1536

■ 16.9612, 15.1871,
22.8423

■ 93.3553, 89.7413,
117.3326

■ 10.3020, 8.9508,
14.2729

119.8112,
116.0174, 149.4891

■ 5.6634, 4.7091,
8.1698

150.8452,
146.9789, 187.0418

■ 2.6802, 2.0776,
4.1145

186.8228,
183.0102, 230.4090

■ 0.9870, 0.6520,
1.6883

228.1094,

■ 0.0000, 0.0000,

224.4957, 280.0094

0.3527

275.0701,
271.8196, 336.2615

■ 0.0000, 0.0000,
0.0000

■ 37.8032, 35.1810,
49.0541

■ 37.8032, 35.1810,
49.0541

■ 34.3900, 29.3685,
48.1126

■ 41.6871, 41.9110,
50.1489

■ 31.4237, 24.4277,
47.3153

■ 46.0580, 49.5925,
51.4013

■ 28.8831, 20.3156,
46.6555

■ 50.9351, 58.2635,
52.8179

■ 26.7438, 16.9840,
46.1251

■ 56.3358, 67.9583,
54.4045

■ 24.9792, 14.3793,
45.7154

■ 62.2765, 78.7098,
56.1667

■ 23.5589, 12.4415,
45.4162

■ 66.7615, 86.5264,
57.4390

■ 22.4481, 11.1006,
45.2159

■ 67.5544, 86.9352,
57.4761

■ 21.5998, 10.2629,
45.0990

■ 68.3633, 87.3522,
57.5140

■ 21.3302, 10.0207,
45.0664

■ 69.1883, 87.7775,
57.5526

Harmonies

Analogous

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



35.3772, 35.1810, 54.7740



37.8032, 35.1810, 49.0541



39.0795, 35.1810, 40.9191

Triad

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



37.8032, 35.1810, 49.0541



34.3388, 35.1810, 24.9351



28.6115, 35.1810, 44.0169

Complementary

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



37.8032, 35.1810, 49.0541



36.3013, 42.8919, 36.0732

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.



28.3683, 35.1810, 35.8068



37.8032, 35.1810, 49.0541



31.5719, 35.1810, 25.5218

Square

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



37.8032, 35.1810, 49.0541



37.0065, 35.1810, 27.5215



29.4234, 35.1810, 29.2553



30.1076, 35.1810, 51.5938

Rectangle

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



37.8032, 35.1810, 49.0541



39.0601, 35.1810, 35.5364



29.4234, 35.1810, 29.2553



28.3839, 35.1810, 41.2162

Sweetspot

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



37.8043, 35.1825, 49.0549



76.6307, 77.8237, 91.2183



33.5356, 34.3379, 49.1168



16.8082, 16.9841, 20.1140



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.



37.8043, 35.1825, 49.0549



66.0521, 59.5272, 88.2443



38.0152, 35.4009, 44.1124



9.2301, 9.0850, 11.3465



15.1111, 7.1013, 31.8273



0.5722, 0.2707, 1.1238

Inverse Universe

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



36.6066, 34.8375, 36.6949



63.4779, 58.7960, 61.2028



36.1553, 42.7231, 40.2921



9.0641, 9.0360, 9.6847



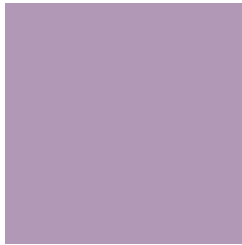
13.8090, 7.0974, 1.6150



0.5059, 0.2578, 0.1574

Previews

White Background



This preview shows how the XYZ color 37.8032, 35.1810, 49.0541 looks on a white background.

Color Contrast Check

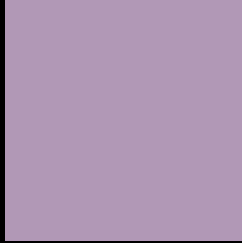
Large Text (above 18pt) WCAG AA × Fail

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 37.8032, 35.1810, 49.0541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

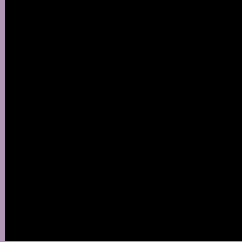
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8032, 35.1810, 49.0541

Background



This preview shows how black text looks on a background with the XYZ color 37.8032, 35.1810, 49.0541.



This preview shows how white text looks on a background with the XYZ color 37.8032, 35.1810,

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

37.8032, 35.1810, 49.0541

Protanopia

34.8853, 35.3527, 51.9988

Deuteranopia

35.9548, 35.2201, 48.6192



Tritanopia

36.3756, 35.3467, 41.4646

Trichromacy



Original Color

37.8032, 35.1810, 49.0541

Protanomaly

35.7497, 35.0662, 50.7832

Deuteranomaly

36.6394, 35.3249, 48.6034

Tritanomaly

36.9065, 35.3199, 43.9020

Monochromacy



Original Color

37.8032, 35.1810, 49.0541

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.8023, 36.0234, 43.0964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8032, 35.1810, 49.0541 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, 152, 182)` looks like.

```
.text, #text, p{  
    color:rgb(177, 152, 182)  
}
```

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, 152, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 152, 182) }
```

Border

The CSS property to change the border of an element to XYZ 37.8032, 35.1810, 49.0541 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, 152, 182) }
```


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

```
.border{ border-color:rgb(177, 152, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 152, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 152, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 152, 182);  
box-shadow:4px 4px 4px 4px rgb(177, 152,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8032, 35.1810, 49.0541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 152, 182) }
```

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

```
.background{ background-color: rgb(177,  
152, 182) }
```

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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