

Converting Colors

XYZ(34.8185, 28.7648, 49.0977)

Have a look what the booklet for
XYZ(34.8185, 28.7648, 49.0977)
contains.

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Color

**XYZ(34.7658, 28.7731,
49.0688)**

Conversions

Conversions Part 1

Format	Color
Hex	B182B8
RGB	177, 130, 184
RGB Percent	69%, 51%, 72%
CMY	0.3059, 0.4902, 0.2784
CMYK	0.04, 0.29, 0.00, 0.28
HSL	292°, 28%, 62%
HSV	292°, 29%, 72%
XYZ	34.7658, 28.7731, 49.0688
YIQ	150.2090, 10.6780, 26.7580

Conversions

Conversions Part 2

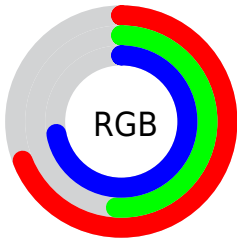
Format	Color
R_{YB}	177, 130, 184
Decimal	11633336
CIE _{Lab}	60.58, 27.49, -21.30
CIE _{LCh}	61, 34.778, 322.231
Yxy	28.7731, 0.3087, 0.2555
Android (android.graphics.Color)	4289823416 (0xFFB182B8)
YUV	150.2090, 16.6590, 23.4957
Hunter-Lab	53.6406, 21.8194, -16.6883

Details

The XYZ color **34.7658, 28.7731, 49.0688** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.4874, 41.2118, 27.4157**, and the grayscale version is **29.0072, 30.5179, 33.2340**.

A 20% lighter version of the original color is **66.2659, 57.4819, 90.0406**, and **15.2776, 11.6611, 22.9183** is the 20% darker color. If you saturate the color by 10%, you get **31.9955, 24.0315, 48.3000**, and if you desaturate by 10%, it is **37.9851, 34.3974, 49.9852**.

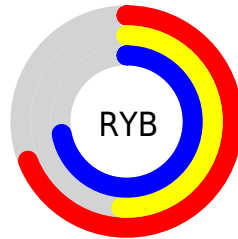
Distribution



Red (69%)

Green (51%)

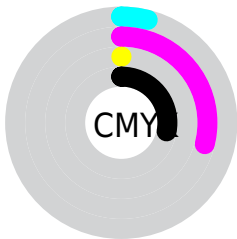
Blue (72%)



Red (69%)

Yellow (51%)

Blue (72%)

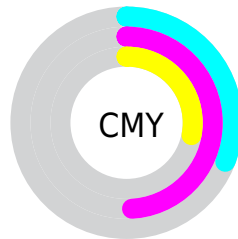


Cyan (4%)

Magenta (29%)

Yellow (0%)

Black (28%)



Cyan (31%)


Magenta (49%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7658, 28.7731, 49.0688 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 34.7658, 28.7731, 49.0688 by changing the saturation by 10% instead.


 34.7658, 28.7731,
49.0688


 34.7658, 28.7731,
49.0688


315.0595,
296.1429, 399.6434


 23.6482, 18.9092,
34.3081


 66.4592, 57.7164,
90.1757

 15.1962, 11.6047,
22.8511


 87.7657, 77.5646,
117.3589

 9.0444, 6.4751,
14.2793


 113.1993,
101.5097, 149.5200

 4.8275, 3.1361,
8.1742

143.1251,
129.9362, 187.0776

 2.1801, 1.2032,
4.1173

177.9088,
163.2283, 230.4502

 0.7322, 0.0643,
1.6899

217.9155,

 0.0000, 0.0000,

201.7706, 280.0563

0.3538

263.5106,
245.9473, 336.3145

■ 0.0000, 0.0000,
0.0000

■ 34.7658, 28.7731,
49.0688

■ 34.7658, 28.7731,
49.0688

■ 31.9955, 24.0315,
48.3000

■ 37.9851, 34.3974,
49.9852

■ 29.6480, 20.1221,
47.6691

■ 41.6722, 40.9438,
51.0544

■ 27.6988, 16.9952,
47.1683

■ 45.8483, 48.4540,
52.2839

■ 26.1194, 14.5941,
46.7881

■ 50.5324, 56.9658,
53.6800

■ 24.8777, 12.8546,
46.5178

■ 55.7425, 66.5152,
55.2486

■ 23.9358, 11.7010,
46.3448

■ 61.4957, 77.1363,
56.9955

■ 23.2230, 10.9919,
46.2455

■ 66.5824, 86.4101,
58.5174

■ 23.1787, 10.9496,
46.2397

■ 67.1983, 86.7276,
58.5462

■ 67.8241, 87.0502,
58.5755

Harmonies

Analogous

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



30.7505, 28.7731, 60.2856



34.7658, 28.7731, 49.0688



36.8378, 28.7731, 34.7959

Triad

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



34.7658, 28.7731, 49.0688



28.5331, 28.7731, 12.6451



20.1015, 28.7731, 41.6596

Complementary

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



34.7658, 28.7731, 49.0688



31.4874, 41.2118, 27.4157

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.



19.6463, 28.7731, 28.1004



34.7658, 28.7731, 49.0688



24.2062, 28.7731, 13.5466

Square

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



34.7658, 28.7731, 49.0688



32.9912, 28.7731, 15.5516



21.0683, 28.7731, 18.4813



22.3880, 28.7731, 55.2554

Rectangle

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



34.7658, 28.7731, 49.0688



36.6954, 28.7731, 26.3716



21.0683, 28.7731, 18.4813



19.7402, 28.7731, 36.8718

Sweetspot

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



34.7667, 28.7743, 49.0694



75.6808, 74.4701, 92.5900



26.8330, 26.1562, 48.9822



16.0944, 15.6598, 19.8960



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.



34.7667, 28.7743, 49.0694



59.7966, 46.6142, 88.0504



34.4696, 28.8445, 38.9685



9.2633, 9.1021, 11.3481



16.0166, 7.5680, 31.8697



0.5968, 0.2834, 1.1250

Inverse Universe

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



32.2662, 27.9631, 27.3652



54.6347, 44.9626, 42.2036



31.8364, 41.2231, 35.0499



9.0507, 9.0307, 9.6146



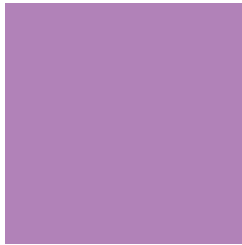
13.7511, 7.0742, 1.3102



0.5002, 0.2556, 0.1274

Previews

White Background



This preview shows how the XYZ color 34.7658, 28.7731, 49.0688 looks on a white background.

Color Contrast Check

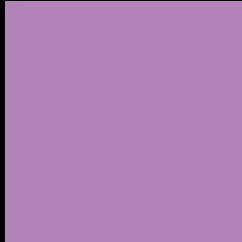
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.7658, 28.7731, 49.0688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

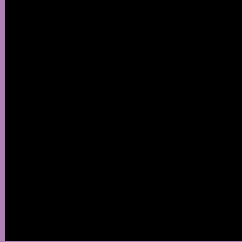
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.7658, 28.7731, 49.0688

Background



This preview shows how black text looks on a background with the XYZ color 34.7658, 28.7731, 49.0688.



This preview shows how white text looks on a background with the XYZ color 34.7658, 28.7731,

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

34.7658, 28.7731, 49.0688

Protanopia

29.4914, 29.0965, 55.6916

Deuteranopia

29.4906, 28.8208, 47.7247



Tritanopia

31.3042, 28.8001, 31.9260

Trichromacy



Original Color

34.7658, 28.7731, 49.0688

Protanomaly

30.9948, 28.8137, 53.2182

Deuteranomaly

31.0495, 28.5229, 48.1250

Tritanomaly

32.4137, 28.6221, 37.5344

Monochromacy



Original Color

34.7658, 28.7731, 49.0688

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.8413, 29.7271, 38.2948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7658, 28.7731, 49.0688 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, 130, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 130, 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(177, 130, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 130, 184) }
```

Border

The CSS property to change the border of an element to XYZ 34.7658, 28.7731, 49.0688 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, 130, 184) }
```


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

```
.border{ border-color:rgb(177, 130, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 130, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 130, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 130, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 130,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7658, 28.7731, 49.0688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 130, 184) }
```

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

```
.background{ background-color: rgb(177,  
130, 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](#).

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