

Converting Colors

XYZ(34.8942, 30.4826, 37.2787)

Have a look what the booklet for
XYZ(34.8942, 30.4826, 37.2787)
contains.

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Color

**XYZ(34.8193, 30.4967,
37.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	B789A0
RGB	183, 137, 160
RGB Percent	72%, 54%, 63%
CMY	0.2823, 0.4627, 0.3725
CMYK	0.00, 0.25, 0.13, 0.28
HSL	330°, 24%, 63%
HSV	330°, 25%, 72%
XYZ	34.8193, 30.4967, 37.3090
YIQ	153.3760, 20.0330, 16.9050

Conversions

Conversions Part 2

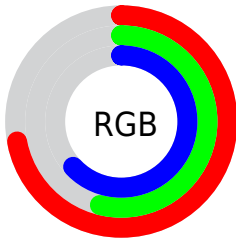
Format	Color
R_{YB}	183, 137, 160
Decimal	12028320
CIE _{Lab}	62.08, 21.21, -5.33
CIE _{LCh}	62, 21.871, 345.891
Yxy	30.4967, 0.3393, 0.2972
Android (android.graphics.Color)	4290218400 (0xFFB789A0)
YUV	153.3760, 3.2656, 25.9802
Hunter-Lab	55.2238, 15.9048, -1.3994

Details

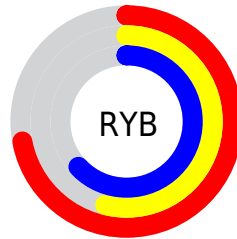
The XYZ color **34.8193, 30.4967, 37.3090** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.5965, 41.7243, 39.5426**, and the grayscale version is **30.4230, 32.0073, 34.8560**.

A 20% lighter version of the original color is **66.4931, 60.5186, 72.4667**, and **15.2218, 12.5876, 16.0954** is the 20% darker color. If you saturate the color by 10%, you get **31.6641, 25.4203, 32.4521**, and if you desaturate by 10%, it is **38.4764, 36.4819, 42.6246**.

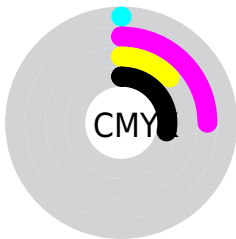
Distribution



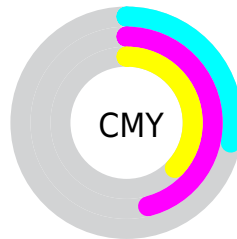
- Red (72%)
- Green (54%)
- Blue (63%)



- Red (72%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (28%)





- Cyan (28%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8193, 30.4967, 37.3090 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 34.8193, 30.4967, 37.3090 by changing the saturation by 10% instead.


 34.8193, 30.4967,
37.3090


 34.8193, 30.4967,
37.3090

315.2920,
304.2129, 349.8553


 23.6896, 20.2159,
25.1492


 66.5416, 60.4468,
72.2394

 15.2270, 12.5521,
15.9682


 87.8649, 80.8849,
95.8471

 9.0662, 7.1208,
9.3475


 113.3168,
105.4775, 124.1077

 4.8418, 3.5378,
4.8687

143.2625,
134.6091, 157.4400

 2.1886, 1.4185,
2.1130

178.0676,
168.6641, 196.2623

 0.7367, 0.2303,
0.6235

218.0973,

 0.0000, 0.0000,

208.0267, 240.9933

0.0000

263.7170,
253.0815, 292.0514

■ 34.8193, 30.4967,
37.3090

■ 34.8193, 30.4967,
37.3090

■ 31.6641, 25.4203,
32.4521

■ 38.4764, 36.4819,
42.6246

■ 28.9846, 21.2035,
28.0381

■ 42.6547, 43.4135,
48.4103

■ 26.7563, 17.7987,
24.0525

■ 47.3756, 51.3321,
54.6796

■ 24.9511, 15.1522,
20.4794

■ 52.6585, 60.2749,
61.4444

■ 23.5377, 13.2034,
17.3014

■ 58.5219, 70.2767,
68.7166

■ 22.4800, 11.8825,
14.4994

■ 64.9834, 81.3711,
76.5074

■ 21.7341, 11.1042,
12.0511

■ 68.7508, 86.9722,
83.7246

■ 21.4383, 10.8313,
10.9703

■ 70.0262, 87.4824,
90.4407

■ 71.3694, 88.0197,
97.5141

Harmonies

Analogous

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



33.2359, 30.4967, 45.7917



34.8193, 30.4967, 37.3090



34.7679, 30.4967, 28.9686

Triad

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



34.8193, 30.4967, 37.3090



27.4663, 30.4967, 19.9459



25.2283, 30.4967, 46.2342

Complementary

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



34.8193, 30.4967, 37.3090



33.5965, 41.7243, 39.5426

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.



23.8839, 30.4967, 37.8371



34.8193, 30.4967, 37.3090



25.1151, 30.4967, 23.1672

Square

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



34.8193, 30.4967, 37.3090



30.3856, 30.4967, 19.8532



23.8439, 30.4967, 29.4149



27.6304, 30.4967, 51.5042

Rectangle

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



34.8193, 30.4967, 37.3090



33.8094, 30.4967, 24.5929



23.8439, 30.4967, 29.4149



24.6450, 30.4967, 43.6258

Sweetspot

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



34.8202, 30.4981, 37.3096



74.0496, 73.8483, 83.5053



31.9914, 28.7854, 48.6702



16.1024, 15.8907, 18.0955



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.



34.8202, 30.4981, 37.3096



59.2227, 49.5488, 62.0560



32.9906, 29.7663, 27.6753



9.1868, 9.0851, 10.3312



14.9903, 7.5699, 7.8355



0.5597, 0.2794, 0.4407

Inverse Universe

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



34.8202, 30.4981, 37.3096



59.2227, 49.5488, 62.0560



35.7983, 42.6050, 51.1370



9.1868, 9.0851, 10.3312



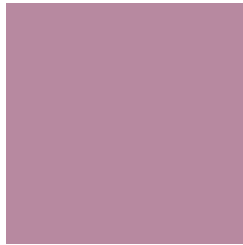
14.9903, 7.5699, 7.8355



0.5597, 0.2794, 0.4407

Previews

White Background



This preview shows how the XYZ color 34.8193, 30.4967, 37.3090 looks on a white background.

Color Contrast Check

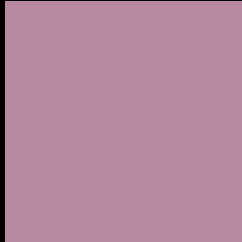
Large Text (above 18pt) WCAG AA × Fail

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 34.8193, 30.4967, 37.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

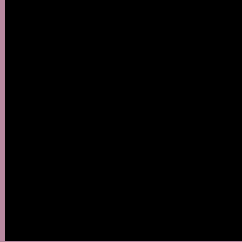
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8193, 30.4967, 37.3090

Background



This preview shows how black text looks on a background with the XYZ color 34.8193, 30.4967, 37.3090.



This preview shows how white text looks on a background with the XYZ color 34.8193, 30.4967,

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

34.8193, 30.4967, 37.3090

Protanopia

30.0281, 30.6179, 41.3730

Deuteranopia

31.1484, 30.6035, 36.6131



Tritanopia

34.0290, 30.6123, 32.9694

Trichromacy



Original Color

34.8193, 30.4967, 37.3090

Protanomaly

31.6149, 30.5445, 39.8267

Deuteranomaly

32.4427, 30.5831, 36.9941

Tritanomaly

34.2126, 30.4551, 34.6471

Monochromacy



Original Color

34.8193, 30.4967, 37.3090

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.7443, 31.1603, 35.7939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8193, 30.4967, 37.3090 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(183, 137, 160)` looks like.

```
.text, #text, p{  
    color:rgb(183, 137, 160)  
}
```

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(183, 137, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 137, 160) }
```

Border

The CSS property to change the border of an element to XYZ 34.8193, 30.4967, 37.3090 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(183, 137, 160) }
```


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

```
.border{ border-color:rgb(183, 137, 160) }
```

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

Here you see how a box with a 4 pixel rgb(183, 137, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 137, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 137, 160);  
box-shadow:4px 4px 4px 4px rgb(183, 137,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8193, 30.4967, 37.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 137, 160) }
```

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

```
.background{ background-color: rgb(183,  
137, 160) }
```

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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