

Converting Colors

XYZ(34.8853, 30.0331, 38.0679)

Have a look what the booklet for
XYZ(34.8853, 30.0331, 38.0679)
contains.

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Color

**XYZ(34.9527, 30.1269,
38.1553)**

Conversions

Conversions Part 1

Format	Color
Hex	B887A2
RGB	184, 135, 162
RGB Percent	72%, 53%, 64%
CMY	0.2784, 0.4706, 0.3647
CMYK	0.00, 0.27, 0.12, 0.28
HSL	327°, 26%, 63%
HSV	327°, 27%, 72%
XYZ	34.9527, 30.1269, 38.1553
YIQ	152.7290, 20.5370, 18.7850

Conversions

Conversions Part 2

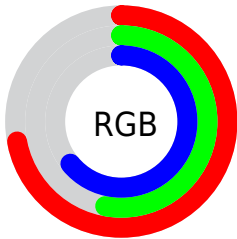
Format	Color
RYB	184, 135, 162
Decimal	12093346
CIELab	61.76, 23.03, -6.93
CIELCh	62, 24.052, 343.260
Yxy	30.1269, 0.3386, 0.2918
Android (android.graphics.Color)	4290283426 (0xFFB887A2)
YUV	152.7290, 4.5706, 27.4247
Hunter-Lab	54.8880, 17.6150, -2.7938

Details

The XYZ color **34.9527, 30.1269, 38.1553** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.2192, 41.8670, 38.2304**, and the grayscale version is **30.1357, 31.7052, 34.5269**.

A 20% lighter version of the original color is **66.9976, 60.1057, 73.7160**, and **15.2689, 12.3686, 16.3345** is the 20% darker color. If you saturate the color by 10%, you get **31.8936, 25.1454, 33.6306**, and if you desaturate by 10%, it is **38.5055, 36.0177, 43.0833**.

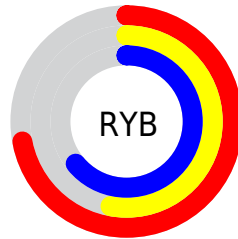
Distribution



Red (72%)

Green (53%)

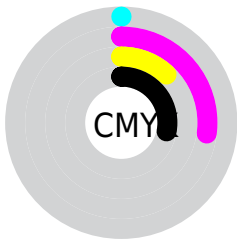
Blue (64%)



Red (72%)

Yellow (53%)

Blue (64%)

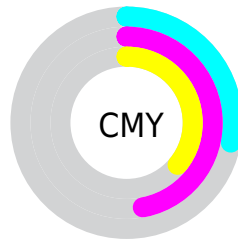


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (28%)



Cyan (28%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9527, 30.1269, 38.1553 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 34.9527, 30.1269, 38.1553 by changing the saturation by 10% instead.


 34.9527, 30.1269,
38.1553


 34.9527, 30.1269,
38.1553


315.8712,
302.4955, 353.6038


 23.7928, 19.9349,
25.8005

 66.7470, 59.8628,
73.5522

 15.3039, 12.3478,
16.4500

 88.1121, 80.1755,
97.4313

 9.1206, 6.9810,
9.6854


 113.6096,
104.6306, 125.9889

 4.8777, 3.4502,
5.0880

143.6049,
133.6125, 159.6437

 2.2097, 1.3710,
2.2393

178.4634,
167.5055, 198.8140

 0.7478, 0.1952,
0.6969

218.5503,

 0.0000, 0.0000,

206.6941, 243.9184

0.0000

264.2311,
251.5626, 295.3755

■ 34.9527, 30.1269,
38.1553

■ 34.9527, 30.1269,
38.1553

■ 31.8936, 25.1454,
33.6306

■ 38.5055, 36.0177,
43.0833

■ 29.3019, 21.0232,
29.4949

■ 42.5713, 42.8566,
48.4245

■ 27.1525, 17.7114,
25.7356

■ 47.1719, 50.6847,
54.1907

■ 25.4171, 15.1550,
22.3383

■ 52.3267, 59.5399,
60.3927

■ 24.0637, 13.2914,
19.2875

■ 58.0542, 69.4578,
67.0406

■ 23.0552, 12.0483,
16.5655

■ 64.3720, 80.4723,
74.1444

■ 22.3419, 11.3280,
14.1506

■ 68.4235, 86.8689,
80.7556

■ 22.1351, 11.1375,
13.3936

■ 69.5441, 87.3172,
86.6566

■ 70.7196, 87.7873,
92.8464

Harmonies

Analogous

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



33.0703, 30.1269, 47.4125



34.9527, 30.1269, 38.1553



35.0635, 30.1269, 28.9181

Triad

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



34.9527, 30.1269, 38.1553



27.2440, 30.1269, 18.4454



24.3761, 30.1269, 46.4499

Complementary

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



34.9527, 30.1269, 38.1553



33.2192, 41.8670, 38.2304

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.



23.0441, 30.1269, 37.0212



34.9527, 30.1269, 38.1553



24.6146, 30.1269, 21.5529

Square

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



34.9527, 30.1269, 38.1553



30.4472, 30.1269, 18.6352



23.1280, 30.1269, 27.9763



26.8956, 30.1269, 52.7796

Rectangle

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



34.9527, 30.1269, 38.1553



34.1047, 30.1269, 24.0423



23.1280, 30.1269, 27.9763



23.7833, 30.1269, 43.4690

Sweetspot

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



34.9536, 30.1283, 38.1559



76.0009, 75.7093, 86.2755



31.0724, 27.8814, 49.0917



16.1373, 15.9046, 18.2792



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.



34.9536, 30.1283, 38.1559



59.9807, 49.0861, 64.2351



33.0390, 29.3624, 28.0738



9.2061, 9.0928, 10.4326



15.2913, 7.6903, 9.4207



0.5698, 0.2834, 0.4938

Inverse Universe

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



34.9536, 30.1283, 38.1559



59.9807, 49.0861, 64.2351



35.4462, 42.7578, 49.9581



9.2061, 9.0928, 10.4326



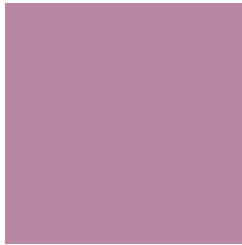
15.2913, 7.6903, 9.4207



0.5698, 0.2834, 0.4938

Previews

White Background



This preview shows how the XYZ color 34.9527, 30.1269, 38.1553 looks on a white background.

Color Contrast Check

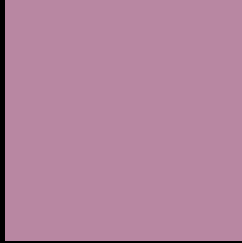
Large Text (above 18pt) WCAG AA × Fail

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 34.9527, 30.1269, 38.1553 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 34.9527, 30.1269, 38.1553

Background



This preview shows how black text looks on a background with the XYZ color 34.9527, 30.1269, 38.1553.



This preview shows how white text looks on a background with the XYZ color 34.9527, 30.1269,

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

34.9527, 30.1269, 38.1553

Protanopia

29.6997, 30.1931, 42.2927

Deuteranopia

30.7686, 30.1598, 37.4574



Tritanopia

33.5824, 29.9745, 32.0327

Trichromacy



Original Color

34.9527, 30.1269, 38.1553

Protanomaly

31.2947, 29.9085, 40.6827

Deuteranomaly

32.1063, 29.9478, 37.8065

Tritanomaly

34.0824, 29.9755, 34.1265

Monochromacy



Original Color

34.9527, 30.1269, 38.1553

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.5895, 30.8506, 35.7423

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9527, 30.1269, 38.1553 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(184, 135, 162)` looks like.

```
.text, #text, p{  
    color:rgb(184, 135, 162)  
}
```

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(184, 135, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 135, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.9527, 30.1269, 38.1553 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(184, 135, 162) }
```


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

```
.border{ border-color:rgb(184, 135, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 135, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 135, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 135, 162);  
box-shadow:4px 4px 4px 4px rgb(184, 135,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9527, 30.1269, 38.1553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 135, 162) }
```

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

```
.background{ background-color: rgb(184,  
135, 162) }
```

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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