

Converting Colors

XYZ(34.1615, 30.4995, 38.0067)

Have a look what the booklet for
XYZ(34.1615, 30.4995, 38.0067)
contains.

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Color

**XYZ(34.2560, 30.6222,
37.8234)**

Conversions

Conversions Part 1

Format	Color
Hex	B38BA1
RGB	179, 139, 161
RGB Percent	70%, 55%, 63%
CMY	0.2980, 0.4549, 0.3686
CMYK	0.00, 0.22, 0.10, 0.30
HSL	327°, 21%, 62%
HSV	327°, 22%, 70%
XYZ	34.2560, 30.6222, 37.8234
YIQ	153.4680, 16.7780, 15.3220

Conversions

Conversions Part 2

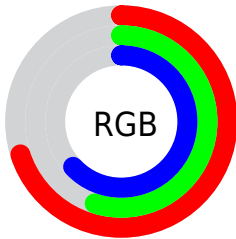
Format	Color
RYB	179, 139, 161
Decimal	11766689
CIELab	62.19, 18.81, -5.79
CIElCh	62, 19.680, 342.899
Yxy	30.6222, 0.3335, 0.2982
Android (android.graphics.Color)	4289956769 (0xFFB38BA1)
YUV	153.4680, 3.7133, 22.3916
Hunter-Lab	55.3373, 13.6582, -1.7889

Details

The XYZ color **34.2560, 30.6222, 37.8234** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8546, 40.1642, 37.9210**, and the grayscale version is **30.4622, 32.0486, 34.9009**.

A 20% lighter version of the original color is **65.7256, 60.7600, 73.2295**, and **14.9910, 12.7062, 16.4143** is the 20% darker color. If you saturate the color by 10%, you get **31.1858, 25.5820, 33.4075**, and if you desaturate by 10%, it is **37.7981, 36.5321, 42.6232**.

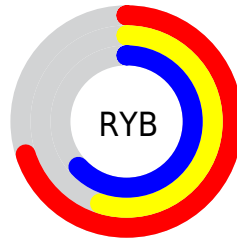
Distribution



Red (70%)

Green (55%)

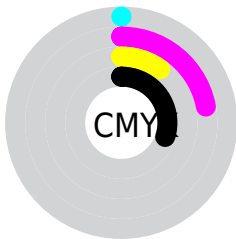
Blue (63%)



Red (70%)

Yellow (55%)

Blue (63%)

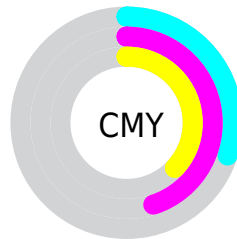


Cyan (0%)

Magenta (22%)

Yellow (10%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2560, 30.6222, 37.8234 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 34.2560, 30.6222, 37.8234 by changing the saturation by 10% instead.


 34.2560, 30.6222,
37.8234


 34.2560, 30.6222,
37.8234


312.8379,
304.7940, 352.1372

 23.2542, 20.3113,
25.5449

 65.6732, 60.6448,
73.0378

 14.9030, 12.6216,
16.2608


 86.8193, 81.1253,
96.8108

 8.8372, 7.1685,
9.5525

 112.0775,
105.7644, 125.2523

 4.6914, 3.5677,
5.0016

141.8132,
134.9466, 158.7809

 2.1002, 1.4348,
2.1894

176.3917,
169.0563, 197.8152

 0.6893, 0.2422,
0.6683

216.1785,

 0.0000, 0.0000,

208.4778, 242.7736

0.0000

261.5387,
253.5956, 294.0748

■ 34.2560, 30.6222,
37.8234

■ 34.2560, 30.6222,
37.8234

■ 31.1858, 25.5820,
33.4075

■ 37.7981, 36.5321,
42.6232

■ 28.5634, 21.3659,
29.3620

■ 41.8295, 43.3465,
47.8157

■ 26.3665, 17.9302,
25.6757

■ 46.3699, 51.1031,
53.4118

■ 24.5695, 15.2254,
22.3356

■ 51.4373, 59.8364,
59.4214

■ 23.1442, 13.1965,
19.3275

■ 57.0485, 69.5789,
65.8539

■ 22.0583, 11.7804,
16.6359

■ 63.2197, 80.3619,
72.7185

■ 21.2735, 10.9019,
14.2432

■ 66.9257, 86.1338,
79.0103

■ 20.8161, 10.4740,
12.5901

■ 68.0020, 86.5644,
84.6781

■ 69.1303, 87.0157,
90.6192

Harmonies

Analogous

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



32.7161, 30.6222, 45.2245



34.2560, 30.6222, 37.8234



34.3640, 30.6222, 30.1876

Triad

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



34.2560, 30.6222, 37.8234



27.9820, 30.6222, 21.0376



25.5278, 30.6222, 44.3032

Complementary

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



34.2560, 30.6222, 37.8234



32.8546, 40.1642, 37.9210

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.



24.4128, 30.6222, 36.7096



34.2560, 30.6222, 37.8234



25.7708, 30.6222, 23.7483

Square

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



34.2560, 30.6222, 37.8234



30.6307, 30.6222, 21.2421



24.4990, 30.6222, 29.2300



27.6317, 30.6222, 49.3377

Rectangle

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



34.2560, 30.6222, 37.8234



33.6000, 30.6222, 26.0230



24.4990, 30.6222, 29.2300



25.0308, 30.6222, 41.9196

Sweetspot

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



34.2569, 30.6236, 37.8240



71.3564, 71.5989, 81.1073



31.2752, 28.8896, 46.5759



15.7152, 15.7041, 17.8484



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.2569, 30.6236, 37.8240



58.4383, 50.0405, 63.6136



32.6318, 29.9735, 29.2666



8.6854, 8.5809, 9.8415



14.7428, 7.4147, 9.0714



0.4928, 0.2449, 0.4376

Inverse Universe

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



34.2569, 30.6236, 37.8240



58.4383, 50.0405, 63.6136



34.7043, 40.9041, 47.6615



8.6854, 8.5809, 9.8415



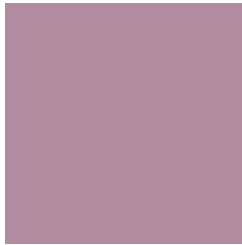
14.7428, 7.4147, 9.0714



0.4928, 0.2449, 0.4376

Previews

White Background



This preview shows how the XYZ color 34.2560, 30.6222, 37.8234 looks on a white background.

Color Contrast Check

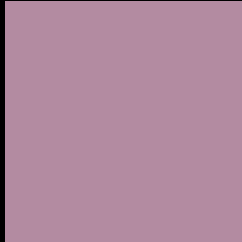
Large Text (above 18pt) WCAG AA × Fail

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 34.2560, 30.6222, 37.8234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

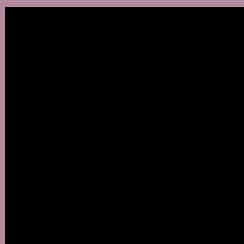
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.2560, 30.6222, 37.8234

Background



This preview shows how black text looks on a background with the XYZ color 34.2560, 30.6222, 37.8234.



This preview shows how white text looks on a background with the XYZ color 34.2560, 30.6222,

37.8234.

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

34.2560, 30.6222, 37.8234

Protanopia

30.0281, 30.6179, 41.3730

Deuteranopia

31.3220, 30.6729, 37.5273



Tritanopia

33.5525, 30.7817, 33.8788

Trichromacy



Original Color

34.2560, 30.6222, 37.8234

Protanomaly

31.2150, 30.3383, 39.8080

Deuteranomaly

32.3161, 30.5078, 37.4431

Tritanomaly

33.6546, 30.5877, 35.1406

Monochromacy



Original Color

34.2560, 30.6222, 37.8234

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.4909, 31.2615, 35.8268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2560, 30.6222, 37.8234 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(179, 139, 161)` looks like.

```
.text, #text, p{  
    color:rgb(179, 139, 161)  
}
```

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(179, 139, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 139, 161) }
```

Border

The CSS property to change the border of an element to XYZ 34.2560, 30.6222, 37.8234 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(179, 139, 161) }
```


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

```
.border{ border-color:rgb(179, 139, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 139, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 139, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 139, 161);  
box-shadow:4px 4px 4px 4px rgb(179, 139,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2560, 30.6222, 37.8234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 139, 161) }
```

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

```
.background{ background-color: rgb(179,  
139, 161) }
```

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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