

Converting Colors

XYZ(35.7239, 31.4861, 33.0487)

Have a look what the booklet for
XYZ(35.7239, 31.4861, 33.0487)
contains.

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Color

**XYZ(35.7239, 31.4861,
33.0487)**

Conversions

Conversions Part 1

Format	Color
Hex	BD8B96
RGB	189, 139, 150
RGB Percent	74%, 55%, 59%
CMY	0.2588, 0.4549, 0.4118
CMYK	0.00, 0.26, 0.21, 0.26
HSL	347°, 27%, 64%
HSV	347°, 26%, 74%
XYZ	35.7239, 31.4861, 33.0487
YIQ	155.2040, 26.2690, 14.0210

Conversions

Conversions Part 2

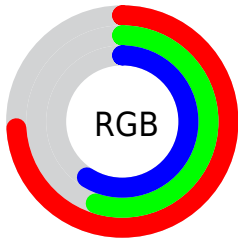
Format	Color
RYB	189, 139, 150
Decimal	12422038
CIELab	62.92, 20.68, 1.65
CIElCh	63, 20.748, 4.569
Yxy	31.4861, 0.3563, 0.3140
Android (android.graphics.Color)	4290612118 (0xFFBD8B96)
YUV	155.2040, -2.5656, 29.6391
Hunter-Lab	56.1125, 15.4448, 4.3586

Details

The XYZ color **35.7239, 31.4861, 33.0487** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8823, 45.0993, 48.8829**, and the grayscale version is **31.2497, 32.8771, 35.8031**.

A 20% lighter version of the original color is **67.9751, 62.0924, 65.5291**, and **15.8162, 13.1965, 13.5180** is the 20% darker color. If you saturate the color by 10%, you get **32.1068, 26.0336, 26.3497**, and if you desaturate by 10%, it is **39.9653, 37.9475, 40.6935**.

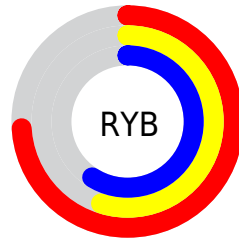
Distribution



Red (74%)

Green (55%)

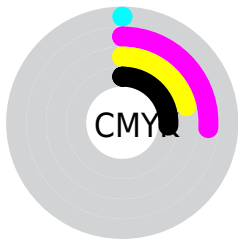
Blue (59%)



Red (74%)

Yellow (55%)

Blue (59%)

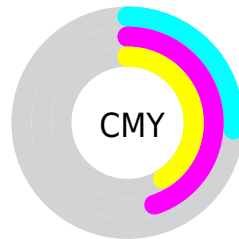


Cyan (0%)

Magenta (26%)

Yellow (21%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7239, 31.4861, 33.0487 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 35.7239, 31.4861, 33.0487 by changing the saturation by 10% instead.


 35.7239, 31.4861,
33.0487


 35.7239, 31.4861,
33.0487


319.2045,
308.7716, 330.5079


 24.3902, 20.9693,
21.8923


 67.9324, 62.0046,
65.5684

 15.7496, 13.1015,
13.5802


 89.5378, 82.7750,
87.7689

 9.4369, 7.4985,
7.6939


 115.2978,
107.7322, 114.4878

 5.0866, 3.7758,
3.8148

145.5778,
137.2603, 146.1437

 2.3334, 1.5489,
1.5243

180.7431,
171.7440, 183.1551

 0.8117, 0.3228,
0.2359

221.1591,

 0.0000, 0.0000,

211.5675, 225.9406

0.0000

267.1911,
257.1152, 274.9186

■ 35.7239, 31.4861,
33.0487

■ 35.7239, 31.4861,
33.0487

■ 32.1068, 26.0336,
26.3497

■ 39.9653, 37.9475,
40.6935

■ 29.0814, 21.5346,
20.5573

■ 44.8561, 45.4606,
49.3172

■ 26.6163, 17.9354,
15.6325

■ 50.4233, 54.0712,
58.9539

■ 24.6759, 15.1747,
11.5324

■ 56.6917, 63.8210,
69.6351

■ 23.2204, 13.1838,
8.2104

■ 63.6846, 74.7495,
81.3913

■ 22.2040, 11.8831,
5.6152

■ 71.4244, 86.8945,
94.2514

■ 21.5682, 11.1680,
3.6870

■ 74.5083, 89.4437,
106.4355

■ 21.3966, 10.9830,
3.1424

■ 74.7964, 89.5589,
107.9521

Harmonies

Analogous

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



35.1495, 31.4861, 41.4682



35.7239, 31.4861, 33.0487



34.6661, 31.4861, 26.1321

Triad

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



35.7239, 31.4861, 33.0487



26.9257, 31.4861, 22.9226



27.6361, 31.4861, 50.4866

Complementary

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



35.7239, 31.4861, 33.0487



36.8823, 45.0993, 48.8829

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.



25.6401, 31.4861, 43.9738



35.7239, 31.4861, 33.0487



25.2485, 31.4861, 27.9798

Square

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



35.7239, 31.4861, 33.0487



29.4924, 31.4861, 20.9056



24.7931, 31.4861, 35.5477



30.3650, 31.4861, 52.4130

Rectangle

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



35.7239, 31.4861, 33.0487



33.2147, 31.4861, 23.0261



24.7931, 31.4861, 35.5477



26.8629, 31.4861, 48.7154

Sweetspot

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



35.7248, 31.4876, 33.0493



78.7861, 79.0302, 85.6143



36.6265, 31.5273, 52.2993



16.6483, 16.5422, 17.8947



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



35.7248, 31.4876, 33.0493



59.9268, 50.2658, 51.7228



36.9299, 35.2491, 29.2853



9.6138, 9.5698, 10.3552



14.4202, 7.3992, 2.2406



0.5900, 0.2999, 0.2201

Inverse Universe

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



35.7248, 31.4876, 33.0493



59.9268, 50.2658, 51.7228



35.2940, 40.0842, 54.0212



9.6138, 9.5698, 10.3552



14.4202, 7.3992, 2.2406



0.5900, 0.2999, 0.2201

Previews

White Background



This preview shows how the XYZ color 35.7239, 31.4861, 33.0487 looks on a white background.

Color Contrast Check

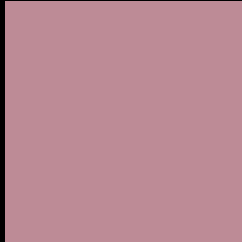
Large Text (above 18pt) WCAG AA × Fail

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 35.7239, 31.4861, 33.0487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

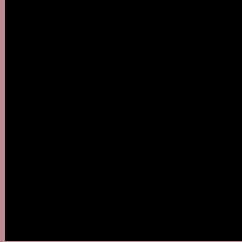
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.7239, 31.4861, 33.0487

Background



This preview shows how black text looks on a background with the XYZ color 35.7239, 31.4861, 33.0487.



This preview shows how white text looks on a background with the XYZ color 35.7239, 31.4861,

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

35.7239, 31.4861, 33.0487

Protanopia

30.6405, 31.7608, 36.4138

Deuteranopia

32.1412, 31.4406, 32.3916



Tritanopia

35.7239, 31.4861, 33.0487

Trichromacy



Original Color

35.7239, 31.4861, 33.0487

Protanomaly

32.2028, 31.4160, 34.9385

Deuteranomaly

33.3026, 31.3466, 32.7290

Tritanomaly

35.7239, 31.4861, 33.0487

Monochromacy



Original Color

35.7239, 31.4861, 33.0487

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

32.4336, 32.0103, 34.6062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7239, 31.4861, 33.0487 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(189, 139, 150)` looks like.

```
.text, #text, p{  
    color:rgb(189, 139, 150)  
}
```

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(189, 139, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 139, 150) }
```

Border

The CSS property to change the border of an element to XYZ 35.7239, 31.4861, 33.0487 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(189, 139, 150) }
```


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

```
.border{ border-color:rgb(189, 139, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 139, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 139, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 139, 150);  
box-shadow:4px 4px 4px 4px rgb(189, 139,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7239, 31.4861, 33.0487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 139, 150) }
```

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

```
.background{ background-color: rgb(189,  
139, 150) }
```

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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