

Converting Colors

XYZ(37.3193, 34.6969, 35.9113)

Have a look what the booklet for
XYZ(37.3193, 34.6969, 35.9113)
contains.

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Color

**XYZ(37.3163, 34.7440,
35.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	BB969B
RGB	187, 150, 155
RGB Percent	73%, 59%, 61%
CMY	0.2667, 0.4117, 0.3922
CMYK	0.00, 0.20, 0.17, 0.27
HSL	352°, 21%, 66%
HSV	352°, 20%, 73%
XYZ	37.3163, 34.7440, 35.7498
YIQ	161.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

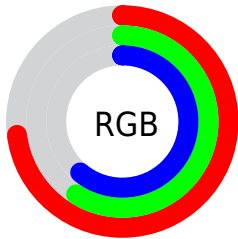
Format	Color
R_{YB}	187, 150, 155
Decimal	12293787
CIE _{Lab}	65.55, 14.62, 2.63
CIE _{LCh}	66, 14.850, 10.186
Yxy	34.7440, 0.3461, 0.3223
Android (android.graphics.Color)	4290483867 (0xFFBB969B)
YUV	161.6330, -3.2701, 22.2469
Hunter-Lab	58.9440, 9.8527, 5.3012

Details

The XYZ color **37.3163, 34.7440, 35.7498** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7929, 45.4031, 50.9773**, and the grayscale version is **34.1799, 35.9599, 39.1604**.

A 20% lighter version of the original color is **70.4097, 67.0223, 69.5472**, and **16.6334, 14.9097, 15.0979** is the 20% darker color. If you saturate the color by 10%, you get **33.2985, 28.7384, 28.1517**, and if you desaturate by 10%, it is **41.9942, 41.7780, 44.4665**.

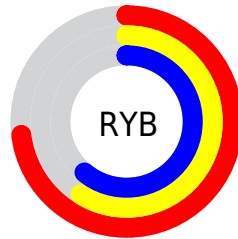
Distribution



Red (73%)

Green (59%)

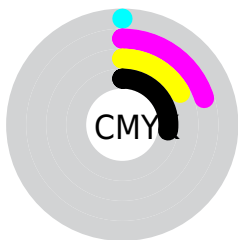
Blue (61%)



Red (73%)

Yellow (59%)

Blue (61%)

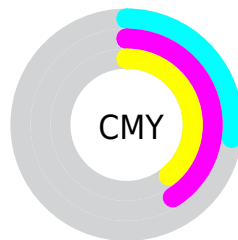


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3163, 34.7440, 35.7498 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 37.3163, 34.7440, 35.7498 by changing the saturation by 10% instead.


 37.3163, 34.7440,
35.7498

 37.3163, 34.7440,
35.7498


326.0097,
323.4369, 342.8699

 25.6273, 23.4657,
23.9529


 70.3697, 67.0890,
69.8104

 16.6762, 14.9378,
15.0868

 92.4647, 88.9245,
92.9112

 10.0978, 8.7757,
8.7330

118.7592,
115.0479, 120.6169

 5.5266, 4.5952,
4.4730

149.6184,
145.8436, 153.3462

 2.5973, 2.0118,
1.8883

185.4077,
181.6959, 191.5177

 0.9446, 0.6143,
0.4853

226.4924,

 0.0000, 0.0000,

222.9893, 235.5497

0.0000

273.2380,
270.1082, 285.8610

■ 37.3163, 34.7440,
35.7498

■ 37.3163, 34.7440,
35.7498

■ 33.2985, 28.7384,
28.1517

■ 41.9942, 41.7780,
44.4665

■ 29.9082, 23.7084,
21.6247

■ 47.3572, 49.8803,
54.3423

■ 27.1144, 19.6038,
16.1211

■ 53.4324, 59.0948,
65.4184

■ 24.8821, 16.3681,
11.5886

■ 60.2446, 69.4612,
77.7334

■ 23.1728, 13.9385,
7.9704

■ 67.8176, 81.0174,
91.3241

■ 21.9432, 12.2436,
5.2036

■ 73.8320, 89.1162,
105.4451

■ 21.1424, 11.1998,
3.2173

■ 74.3038, 89.3049,
107.9291

■ 20.6802, 10.6465,
1.9193

■ 20.6720, 10.6362,
1.8977

Harmonies

Analogous

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



37.1194, 34.7440, 42.0406



37.3163, 34.7440, 35.7498



36.3249, 34.7440, 30.6107

Triad

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



37.3163, 34.7440, 35.7498



30.3953, 34.7440, 29.3919



31.6246, 34.7440, 50.2653

Complementary

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



37.3163, 34.7440, 35.7498



38.7929, 45.4031, 50.9773

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.



29.9277, 34.7440, 46.1043



37.3163, 34.7440, 35.7498



29.2399, 34.7440, 33.9109

Square

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



37.3163, 34.7440, 35.7498



32.2885, 34.7440, 27.2163



29.0726, 34.7440, 39.9900



33.7689, 34.7440, 50.8972

Rectangle

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



37.3163, 34.7440, 35.7498



35.1481, 34.7440, 28.3539



29.0726, 34.7440, 39.9900



30.9856, 34.7440, 49.2129

Sweetspot

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



37.3173, 34.7456, 35.7505



78.6066, 79.9467, 85.9144



39.0389, 35.2804, 51.7665



17.1751, 17.4012, 18.6699



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.



37.3173, 34.7456, 35.7505



63.3774, 57.0523, 57.5191



39.0880, 38.9448, 34.3129



9.5812, 9.5568, 10.1838



14.2589, 7.3347, 1.3909



0.5757, 0.2942, 0.1451

Inverse Universe

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



37.3173, 34.7456, 35.7505



63.3774, 57.0523, 57.5191



36.6943, 40.3646, 52.8714



9.5812, 9.5568, 10.1838



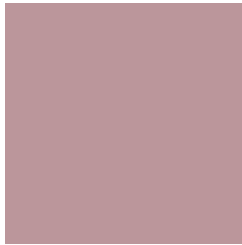
14.2589, 7.3347, 1.3909



0.5757, 0.2942, 0.1451

Previews

White Background



This preview shows how the XYZ color 37.3163, 34.7440, 35.7498 looks on a white background.

Color Contrast Check

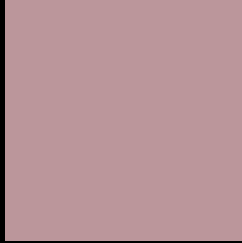
Large Text (above 18pt) WCAG AA × Fail

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 37.3163, 34.7440, 35.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

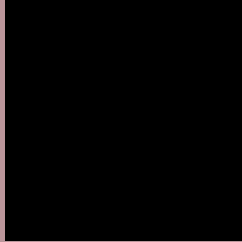
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3163, 34.7440, 35.7498

Background



This preview shows how black text looks on a background with the XYZ color 37.3163, 34.7440, 35.7498.



This preview shows how white text looks on a background with the XYZ color 37.3163, 34.7440,

35.7498.

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

37.3163, 34.7440, 35.7498

Protanopia

33.6436, 35.0157, 38.2432

Deuteranopia

35.5198, 34.7914, 35.4152



Tritanopia

37.9195, 34.7595, 38.4289

Trichromacy



Original Color

37.3163, 34.7440, 35.7498

Protanomaly

34.8546, 34.9035, 37.2478

Deuteranomaly

36.2800, 34.9393, 35.4036

Tritanomaly

37.7445, 34.6895, 37.5073

Monochromacy



Original Color

37.3163, 34.7440, 35.7498

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.2795, 35.6148, 37.8158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3163, 34.7440, 35.7498 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(187, 150, 155)` looks like.

```
.text, #text, p{  
    color:rgb(187, 150, 155)  
}
```

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(187, 150, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 150, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.3163, 34.7440, 35.7498 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(187, 150, 155) }
```


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

```
.border{ border-color:rgb(187, 150, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 150, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 150, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 150, 155);  
box-shadow:4px 4px 4px 4px rgb(187, 150,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3163, 34.7440, 35.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 150, 155) }
```

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

```
.background{ background-color: rgb(187,  
150, 155) }
```

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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