

Converting Colors

XYZ(36.4096, 34.6338, 37.0105)

Have a look what the booklet for
XYZ(36.4096, 34.6338, 37.0105)
contains.

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Color

**XYZ(36.4558, 34.7489,
37.1335)**

Conversions

Conversions Part 1

Format	Color
Hex	B5989E
RGB	181, 152, 158
RGB Percent	71%, 60%, 62%
CMY	0.2902, 0.4039, 0.3804
CMYK	0.00, 0.16, 0.13, 0.29
HSL	348°, 16%, 65%
HSV	348°, 16%, 71%
XYZ	36.4558, 34.7489, 37.1335
YIQ	161.3550, 15.3580, 8.0140

Conversions

Conversions Part 2

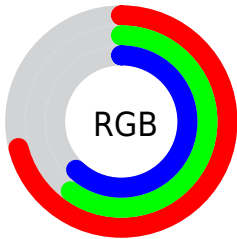
Format	Color
RYB	181, 152, 158
Decimal	11901086
CIELab	65.55, 11.76, 0.88
CIELCh	66, 11.796, 4.255
Yxy	34.7489, 0.3365, 0.3207
Android (android.graphics.Color)	4290091166 (0xFFB5989E)
YUV	161.3550, -1.6540, 17.2287
Hunter-Lab	58.9482, 7.2318, 3.9149

Details

The XYZ color **36.4558, 34.7489, 37.1335** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2120, 42.8190, 46.8631**, and the grayscale version is **34.0447, 35.8177, 39.0054**.

A 20% lighter version of the original color is **69.0066, 66.9512, 72.2366**, and **16.2096, 14.9581, 15.9428** is the 20% darker color. If you saturate the color by 10%, you get **32.5749, 28.8504, 30.0949**, and if you desaturate by 10%, it is **40.9313, 41.6049, 45.0834**.

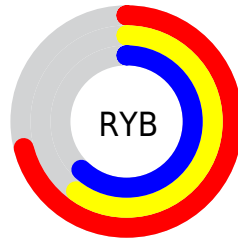
Distribution



Red (71%)

Green (60%)

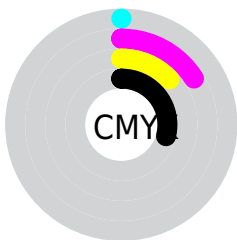
Blue (62%)



Red (71%)

Yellow (60%)

Blue (62%)

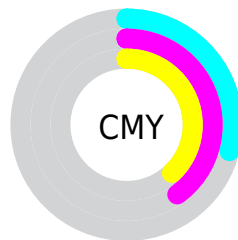


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (29%)



Cyan (29%)


Magenta (40%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4558, 34.7489, 37.1335 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 36.4558, 34.7489, 37.1335 by changing the saturation by 10% instead.

 36.4558, 34.7489,
37.1335


 36.4558, 34.7489,
37.1335


322.3450,
323.4586, 349.0742

 24.9582, 23.4695,
25.0143

 69.0543, 67.0966,
71.9667

 16.1745, 14.9406,
15.8686

 90.8858, 88.9337,
95.5177

 9.7393, 8.7777,
9.2779


116.8928,
115.0588, 123.7164

 5.2874, 4.5965,
4.8236

147.4404,
145.8563, 156.9814

 2.4533, 2.0125,
2.0872

182.8940,
181.7107, 195.7311

 0.8718, 0.6147,
0.6081

223.6191,

 0.0000, 0.0000,

223.0063, 240.3841

0.0000

269.9810,
270.1274, 291.3590

■ 36.4558, 34.7489,
37.1335

■ 36.4558, 34.7489,
37.1335

■ 32.5749, 28.8504,
30.0949

■ 40.9313, 41.6049,
45.0834

■ 29.2606, 23.8622,
23.9327

■ 46.0223, 49.4534,
53.9737

■ 26.4867, 19.7402,
18.6128

■ 51.7520, 58.3337,
63.8346

■ 24.2240, 16.4346,
14.0980

■ 58.1417, 68.2813,
74.6944

■ 22.4404, 13.8908,
10.3483

■ 65.2116, 79.3302,
86.5805

■ 21.0999, 12.0472,
7.3201

■ 71.1669, 87.8841,
98.9140

■ 20.1614, 10.8326,
4.9652

■ 72.8661, 88.5638,
107.8618

■ 19.5731, 10.1557,
3.2281

■ 19.3969, 9.9601,
2.6861

Harmonies

Analogous

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



36.1142, 34.7489, 42.1244



36.4558, 34.7489, 37.1335



35.8529, 34.7489, 32.7248

Triad

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



36.4558, 34.7489, 37.1335



31.1914, 34.7489, 30.4981



31.6045, 34.7489, 47.0774

Complementary

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



36.4558, 34.7489, 37.1335



37.2120, 42.8190, 46.8631

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.



30.3551, 34.7489, 43.4527



36.4558, 34.7489, 37.1335



30.1225, 34.7489, 33.8483

Square

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



36.4558, 34.7489, 37.1335



32.7817, 34.7489, 29.1117



29.8217, 34.7489, 38.5466



33.2751, 34.7489, 48.1485

Rectangle

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



36.4558, 34.7489, 37.1335



35.0085, 34.7489, 30.6213



29.8217, 34.7489, 38.5466



31.1232, 34.7489, 46.1025

Sweetspot

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



36.4568, 34.7505, 37.1342



74.1130, 75.7525, 82.1614



37.1855, 34.8756, 48.4880



15.8897, 16.1748, 17.5315



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.



36.4568, 34.7505, 37.1342



62.8853, 58.5672, 62.1716



37.3330, 37.3090, 34.9415



8.5659, 8.5331, 9.2123



13.3927, 6.8746, 1.9621



0.4422, 0.2246, 0.1715

Inverse Universe

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



36.4568, 34.7505, 37.1342



62.8853, 58.5672, 62.1716



36.1927, 39.8168, 49.4941



8.5659, 8.5331, 9.2123



13.3927, 6.8746, 1.9621



0.4422, 0.2246, 0.1715

Previews

White Background



This preview shows how the XYZ color 36.4558, 34.7489, 37.1335 looks on a white background.

Color Contrast Check

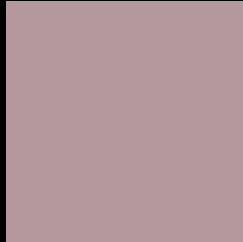
Large Text (above 18pt) WCAG AA × Fail

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 36.4558, 34.7489, 37.1335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

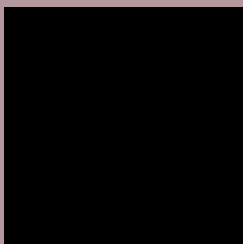
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4558, 34.7489, 37.1335

Background



This preview shows how black text looks on a background with the XYZ color 36.4558, 34.7489, 37.1335.



This preview shows how white text looks on a background with the XYZ color 36.4558, 34.7489,

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

36.4558, 34.7489, 37.1335

Protanopia

33.6177, 34.9820, 39.1628

Deuteranopia

35.4064, 34.6938, 37.1782



Tritanopia

36.9689, 34.7226, 39.4040

Trichromacy



Original Color

36.4558, 34.7489, 37.1335

Protanomaly

34.4699, 34.6750, 38.5944

Deuteranomaly

35.6943, 34.5982, 37.1446

Tritanomaly

36.7910, 34.6515, 38.4675

Monochromacy



Original Color

36.4558, 34.7489, 37.1335

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.7205, 35.3166, 38.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4558, 34.7489, 37.1335 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(181, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(181, 152, 158)  
}
```

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(181, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 152, 158) }
```

Border

The CSS property to change the border of an element to XYZ 36.4558, 34.7489, 37.1335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

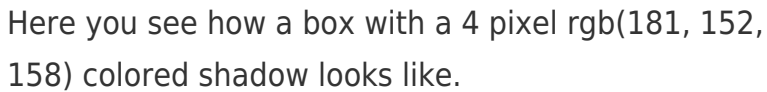
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 152, 158) }
```


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

```
.border{ border-color:rgb(181, 152, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 152, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(181, 152,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4558, 34.7489, 37.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 152, 158) }
```

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

```
.background{ background-color: rgb(181,  
152, 158) }
```

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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