

Converting Colors

XYZ(37.1928, 34.6711, 33.4776)

Have a look what the booklet for
XYZ(37.1928, 34.6711, 33.4776)
contains.

XYZ(37.1504, 34.7061, 33.5951)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.1504, 34.7061,
33.5951)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9696
RGB	188, 150, 150
RGB Percent	74%, 59%, 59%
CMY	0.2627, 0.4117, 0.4118
CMYK	0.00, 0.20, 0.20, 0.26
HSL	0°, 22%, 66%
HSV	0°, 20%, 74%
XYZ	37.1504, 34.7061, 33.5951
YIQ	161.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

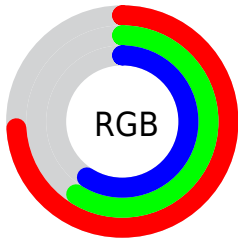
Format	Color
R_{YB}	188, 150, 150
Decimal	12359318
CIE _{Lab}	65.52, 14.20, 5.40
CIE _{LCh}	66, 15.194, 20.837
Yxy	34.7061, 0.3523, 0.3291
Android (android.graphics.Color)	4290549398 (0xFFBC9696)
YUV	161.3620, -5.6015, 23.3615
Hunter-Lab	58.9119, 9.4680, 7.4276

Details

The XYZ color **37.1504, 34.7061, 33.5951** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6375, 46.0800, 54.3824**, and the grayscale version is **34.0634, 35.8373, 39.0268**.

A 20% lighter version of the original color is **70.1481, 66.9578, 66.3537**, and **16.5455, 14.8929, 13.8069** is the 20% darker color. If you saturate the color by 10%, you get **32.9936, 28.6237, 25.3302**, and if you desaturate by 10%, it is **42.0333, 41.8512, 43.3010**.

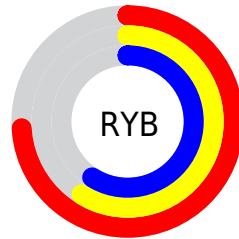
Distribution



Red (74%)

Green (59%)

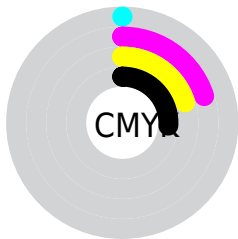
Blue (59%)



Red (74%)

Yellow (59%)

Blue (59%)

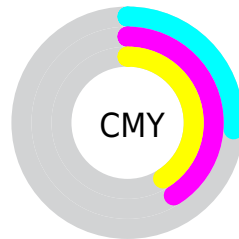


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (26%)



Cyan (26%)


Magenta (41%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1504, 34.7061, 33.5951 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 37.1504, 34.7061, 33.5951 by changing the saturation by 10% instead.


 37.1504, 34.7061,
33.5951


 37.1504, 34.7061,
33.5951


325.3054,
323.2692, 333.0367

 25.4982, 23.4366,
22.3079


 70.1164, 67.0302,
66.4302

 16.5793, 14.9162,
13.8828


 92.1608, 88.8536,
88.8152

 10.0284, 8.7606,
7.9014


118.4001,
114.9637, 115.7364

 5.4802, 4.5854,
3.9450

149.1994,
145.7450, 147.6126

 2.5693, 2.0061,
1.5952

184.9243,
181.5817, 184.8622

 0.9303, 0.6110,
0.2874

225.9400,

 0.0000, 0.0000,

222.8584, 227.9037

0.0000

272.6120,
269.9594, 277.1557

■ 37.1504, 34.7061,
33.5951

■ 37.1504, 34.7061,
33.5951

■ 32.9936, 28.6237,
25.3302

■ 42.0333, 41.8512,
43.3010

■ 29.5255, 23.5489,
18.4358

■ 47.6714, 50.1014,
54.5099

■ 26.7098, 19.4287,
12.8384

■ 54.0961, 59.5024,
67.2824

■ 24.5057, 16.2034,
8.4569

■ 61.3359, 70.0961,
81.6754

■ 22.8678, 13.8066,
5.2012

■ 69.4179, 81.9221,
97.7429

■ 21.7445, 12.1628,
2.9685

■ 74.5491, 89.4314,
107.9406

■ 21.0747, 11.1827,
1.6373

■ 20.7393, 10.6918,
0.9706

Harmonies

Analogous

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



37.3948, 34.7061, 39.7746



37.1504, 34.7061, 33.5951



35.7641, 34.7061, 29.0608

Triad

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



37.1504, 34.7061, 33.5951



29.7791, 34.7061, 30.5655



32.3103, 34.7061, 51.2257

Complementary

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



37.1504, 34.7061, 33.5951



39.6375, 46.0800, 54.3824

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.



30.3577, 34.7061, 48.1103



37.1504, 34.7061, 33.5951



28.9402, 34.7061, 35.8707

Square

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



37.1504, 34.7061, 33.5951



31.4882, 34.7061, 27.4532



29.1471, 34.7061, 42.3183



34.5328, 34.7061, 50.4395

Rectangle

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



37.1504, 34.7061, 33.5951



34.4119, 34.7061, 27.3543



29.1471, 34.7061, 42.3183



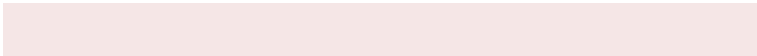
31.6022, 34.7061, 50.5881

Sweetspot

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



37.1514, 34.7077, 33.5958



80.2135, 81.7528, 86.4976



40.7228, 36.1353, 52.4056



17.1090, 17.3749, 18.3214



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.



37.1514, 34.7077, 33.5958



64.0247, 58.0641, 54.3142



40.4323, 41.2697, 34.6895



9.5303, 9.5365, 9.9151



14.1204, 7.2796, 0.6609



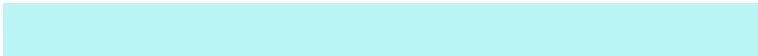
0.5531, 0.2852, 0.0259

Inverse Universe

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



39.6375, 46.0800, 54.3824



69.3025, 82.2059, 98.4409



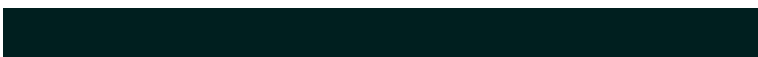
35.8431, 38.4912, 53.1176



9.8085, 10.8094, 12.2417



18.4215, 26.9548, 36.6248



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 37.1504, 34.7061, 33.5951 looks on a white background.

Color Contrast Check

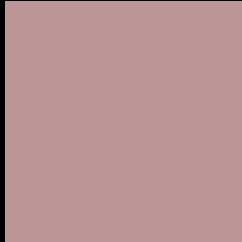
Large Text (above 18pt) WCAG AA × Fail

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 37.1504, 34.7061, 33.5951 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 37.1504, 34.7061, 33.5951

Background



This preview shows how black text looks on a background with the XYZ color 37.1504, 34.7061, 33.5951.



This preview shows how white text looks on a background with the XYZ color 37.1504, 34.7061,

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

37.1504, 34.7061, 33.5951

Protanopia

33.4188, 34.9494, 35.9949

Deuteranopia

35.3405, 34.7461, 33.2778



Tritanopia

37.9213, 34.5367, 37.9253

Trichromacy



Original Color

37.1504, 34.7061, 33.5951

Protanomaly

34.6515, 34.8475, 35.0369

Deuteranomaly

36.1075, 34.8975, 33.2666

Tritanomaly

37.7345, 34.7140, 36.1641

Monochromacy



Original Color

37.1504, 34.7061, 33.5951

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.9374, 35.2062, 36.8524

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1504, 34.7061, 33.5951 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(188, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(188, 150, 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(188, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 37.1504, 34.7061, 33.5951 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(188, 150, 150) }
```


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

```
.border{ border-color:rgb(188, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(188, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1504, 34.7061, 33.5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 150, 150) }
```

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

```
.background{ background-color: rgb(188,  
150, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor