

Converting Colors

XYZ(37.1344, 35.4321, 35.7446)

Have a look what the booklet for
XYZ(37.1344, 35.4321, 35.7446)
contains.

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Color

**XYZ(37.0748, 35.3394,
35.8775)**

Conversions

Conversions Part 1

Format	Color
Hex	B8999B
RGB	184, 153, 155
RGB Percent	72%, 60%, 61%
CMY	0.2784, 0.4000, 0.3922
CMYK	0.00, 0.17, 0.16, 0.28
HSL	356°, 18%, 66%
HSV	356°, 17%, 72%
XYZ	37.0748, 35.3394, 35.8775
YIQ	162.4970, 17.8340, 7.1940

Conversions

Conversions Part 2

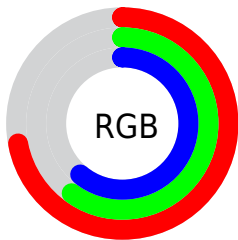
Format	Color
RYB	184, 153, 155
Decimal	12097947
CIELab	66.01, 11.83, 3.26
CIELCh	66, 12.269, 15.412
Yxy	35.3394, 0.3424, 0.3263
Android (android.graphics.Color)	4290288027 (0xFFB8999B)
YUV	162.4970, -3.6960, 18.8581
Hunter-Lab	59.4470, 7.2915, 5.8301

Details

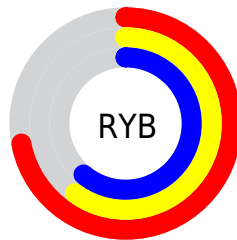
The XYZ color **37.0748, 35.3394, 35.8775** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.7223, 44.4315, 50.7934**, and the grayscale version is **34.5876, 36.3889, 39.6275**.

A 20% lighter version of the original color is **69.7566, 67.7544, 69.7229**, and **16.6101, 15.3275, 15.1798** is the 20% darker color. If you saturate the color by 10%, you get **32.9482, 29.2370, 27.8705**, and if you desaturate by 10%, it is **41.8739, 42.4562, 45.1265**.

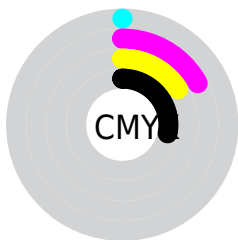
Distribution



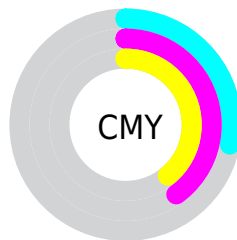
- Red (72%)
- Green (60%)
- Blue (61%)



- Red (72%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (17%)
- Yellow (16%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.0748, 35.3394, 35.8775 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 37.0748, 35.3394, 35.8775 by changing the saturation by 10% instead.


 37.0748, 35.3394,
35.8775


 37.0748, 35.3394,
35.8775


324.9842,
326.0639, 343.4460

 25.4394, 23.9244,
24.0507


 70.0009, 68.0112,
70.0099

 16.5352, 15.2776,
15.1587

 92.0223, 90.0369,
93.1525

 9.9969, 9.0144,
8.7830


118.2363,
116.3682, 120.9041

 5.4591, 4.7506,
4.5050

149.0084,
147.3896, 153.6832

 2.5566, 2.1017,
1.9063

184.7038,
183.4855, 191.9084

 0.9239, 0.6656,
0.4967

225.6881,

 0.0000, 0.0000,

225.0402, 235.9983

0.0000

272.3264,
272.4382, 286.3713

■ 37.0748, 35.3394,
35.8775

■ 37.0748, 35.3394,
35.8775

■ 32.9482, 29.2370,
27.8705

■ 41.8739, 42.4562,
45.1265

■ 29.4613, 24.0984,
21.0503

■ 47.3706, 50.6257,
55.6647

■ 26.5828, 19.8757,
15.3613

■ 53.5923, 59.8898,
67.5399

■ 24.2780, 16.5151,
10.7422

■ 60.5641, 70.2869,
80.7966

■ 22.5082, 13.9571,
7.1260

■ 68.3096, 81.8536,
95.4772

■ 21.2302, 12.1349,
4.4382

■ 73.5773, 88.9304,
107.8951

■ 20.3941, 10.9705,
2.5939

■ 19.9337, 10.3578,
1.4906

■ 19.8328, 10.2166,
1.2698

Harmonies

Analogous

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



37.0887, 35.3394, 41.0569



37.0748, 35.3394, 35.8775



36.1046, 35.3394, 31.7768

Triad

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



37.0748, 35.3394, 35.8775



31.1593, 35.3394, 31.8667



32.7158, 35.3394, 49.0090

Complementary

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



37.0748, 35.3394, 35.8775



38.7223, 44.4315, 50.7934

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.



31.1932, 35.3394, 46.0620



37.0748, 35.3394, 35.8775



30.3167, 35.3394, 36.0106

Square

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



37.0748, 35.3394, 35.8775



32.6681, 35.3394, 29.6076



30.3289, 35.3394, 41.2025



34.5271, 35.3394, 48.9651

Rectangle

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



37.0748, 35.3394, 35.8775



35.0654, 35.3394, 30.0701



30.3289, 35.3394, 41.2025



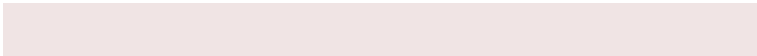
32.1547, 35.3394, 48.3244

Sweetspot

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



37.0758, 35.3410, 35.8782



77.5698, 79.4314, 84.9972



39.3196, 36.1818, 50.2591



16.5796, 16.9117, 18.0493



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



37.0758, 35.3410, 35.8782



64.4635, 60.0000, 59.7232



39.2331, 39.9218, 35.7769



9.0274, 9.0213, 9.4920



13.6783, 7.0451, 0.9266



0.4902, 0.2515, 0.0746

Inverse Universe

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



37.0758, 35.3410, 35.8782



64.4635, 60.0000, 59.7232



36.2712, 39.1967, 51.0017



9.0274, 9.0213, 9.4920



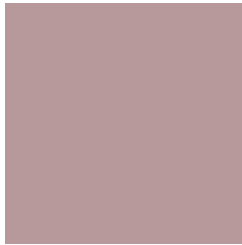
13.6783, 7.0451, 0.9266



0.4902, 0.2515, 0.0746

Previews

White Background



This preview shows how the XYZ color 37.0748, 35.3394, 35.8775 looks on a white background.

Color Contrast Check

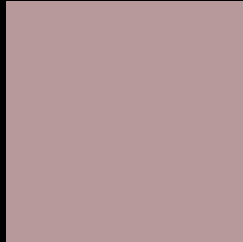
Large Text (above 18pt) WCAG AA × Fail

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 37.0748, 35.3394, 35.8775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

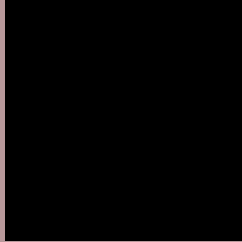
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.0748, 35.3394, 35.8775

Background



This preview shows how black text looks on a background with the XYZ color 37.0748, 35.3394, 35.8775.



This preview shows how white text looks on a background with the XYZ color 37.0748, 35.3394,

35.8775.

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

37.0748, 35.3394, 35.8775

Protanopia

34.1387, 35.5373, 37.8610

Deuteranopia

35.9978, 35.2742, 35.9217



Tritanopia

37.8467, 35.4151, 39.4914

Trichromacy



Original Color

37.0748, 35.3394, 35.8775

Protanomaly

35.0231, 35.2405, 37.3039

Deuteranomaly

36.2944, 35.1811, 35.8880

Tritanomaly

37.5810, 35.3088, 38.0923

Monochromacy



Original Color

37.0748, 35.3394, 35.8775

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5379, 35.9923, 38.3319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0748, 35.3394, 35.8775 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(184, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 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(184, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 155) }
```

Border

The CSS property to change the border of an element to XYZ 37.0748, 35.3394, 35.8775 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(184, 153, 155) }
```


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

```
.border{ border-color:rgb(184, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0748, 35.3394, 35.8775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 155) }
```

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

```
.background{ background-color: rgb(184,  
153, 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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