

Converting Colors

XYZ(37.3007, 35.2644, 34.5455)

Have a look what the booklet for
XYZ(37.3007, 35.2644, 34.5455)
contains.

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Color

**XYZ(37.3892, 35.2883,
34.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	BB9898
RGB	187, 152, 152
RGB Percent	73%, 60%, 60%
CMY	0.2667, 0.4039, 0.4039
CMYK	0.00, 0.19, 0.19, 0.27
HSL	0°, 20%, 66%
HSV	0°, 19%, 73%
XYZ	37.3892, 35.2883, 34.5465
YIQ	162.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

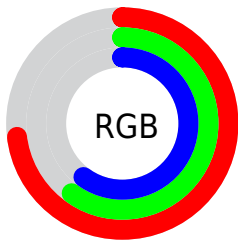
Format	Color
RYB	187, 152, 152
Decimal	12294296
CIELab	65.97, 13.03, 4.92
CIElCh	66, 13.927, 20.698
Yxy	35.2883, 0.3487, 0.3291
Android (android.graphics.Color)	4290484376 (0xFFBB9898)
YUV	162.4650, -5.1592, 21.5172
Hunter-Lab	59.4040, 8.3920, 7.1025

Details

The XYZ color **37.3892, 35.2883, 34.5465** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.6884, 45.8025, 53.7628**, and the grayscale version is **34.5782, 36.3790, 39.6167**.

A 20% lighter version of the original color is **70.5201, 67.8319, 67.7686**, and **16.6755, 15.2335, 14.3734** is the 20% darker color. If you saturate the color by 10%, you get **33.1776, 29.1258, 26.1727**, and if you desaturate by 10%, it is **42.3226, 42.5074, 44.3530**.

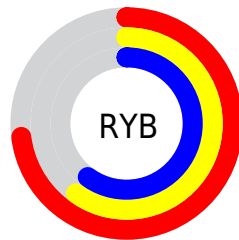
Distribution



Red (73%)

Green (60%)

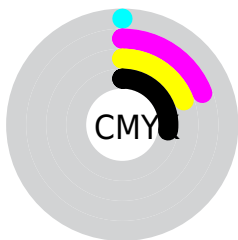
Blue (60%)



Red (73%)

Yellow (60%)

Blue (60%)

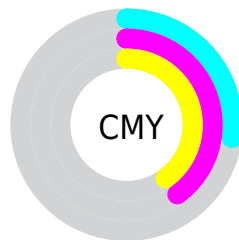


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3892, 35.2883, 34.5465 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 37.3892, 35.2883, 34.5465 by changing the saturation by 10% instead.

 37.3892, 35.2883,
34.5465


 37.3892, 35.2883,
34.5465

326.3188,
325.8390, 337.4053

 25.6840, 23.8850,
23.0330


 70.4809, 67.9322,
67.9262

 16.7188, 15.2484,
14.4123


 92.5982, 89.9415,
90.6295

 10.1283, 8.9939,
8.2660


118.9169,
116.2551, 117.8998

 5.5470, 4.7372,
4.1754

149.8023,
147.2572, 150.1556

 2.6097, 2.0939,
1.7221

185.6199,
183.3322, 187.8156

 0.9509, 0.6612,
0.3758

226.7349,

 0.0000, 0.0000,

224.8646, 231.2981

0.0000

273.5128,
272.2388, 281.0218

■ 37.3892, 35.2883,
34.5465

■ 37.3892, 35.2883,
34.5465

■ 33.1776, 29.1258,
26.1727

■ 42.3226, 42.5074,
44.3530

■ 29.6514, 23.9659,
19.1627

■ 48.0065, 50.8243,
55.6526

■ 26.7750, 19.7570,
13.4448

■ 54.4712, 60.2839,
68.5049

■ 24.5090, 16.4410,
8.9401

■ 61.7449, 70.9271,
82.9653

■ 22.8092, 13.9537,
5.5613

■ 69.8540, 82.7929,
99.0869

■ 21.6258, 12.2219,
3.2090

■ 74.3036, 89.3048,
107.9291

■ 20.9002, 11.1600,
1.7669

■ 20.5330, 10.6226,
1.0371

■ 20.4938, 10.5652,
0.9592

Harmonies

Analogous

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



37.6088, 35.2883, 40.2885



37.3892, 35.2883, 34.5465



36.1160, 35.2883, 30.2865

Triad

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



37.3892, 35.2883, 34.5465



30.5640, 35.2883, 31.6678



32.9034, 35.2883, 50.7580

Complementary

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



37.3892, 35.2883, 34.5465



39.6884, 45.8025, 53.7628

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.



31.0904, 35.2883, 47.9000



37.3892, 35.2883, 34.5465



29.7767, 35.2883, 36.6159

Square

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



37.3892, 35.2883, 34.5465



32.1581, 35.2883, 28.7465



29.9654, 35.2883, 42.5791



34.9619, 35.2883, 50.0584

Rectangle

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



37.3892, 35.2883, 34.5465



34.8687, 35.2883, 28.6686



29.9654, 35.2883, 42.5791



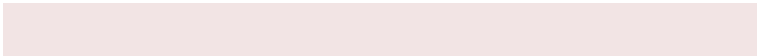
32.2464, 35.2883, 50.1714

Sweetspot

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



37.3902, 35.2899, 34.5472



78.3333, 79.8381, 84.4732



40.6916, 36.6095, 51.9355



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.



37.3902, 35.2899, 34.5472



64.0734, 58.9719, 56.1242



40.4424, 41.3944, 35.5647



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.



39.6884, 45.8025, 53.7628



68.8646, 80.8888, 96.1849



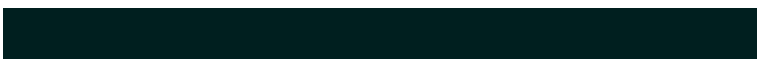
36.2001, 38.8260, 52.6000



9.8085, 10.8094, 12.2417



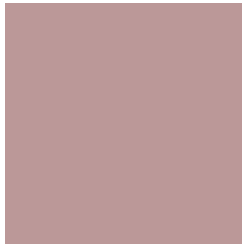
18.4213, 26.9543, 36.6247



0.7216, 1.0559, 1.4346

Previews

White Background



This preview shows how the XYZ color 37.3892, 35.2883, 34.5465 looks on a white background.

Color Contrast Check

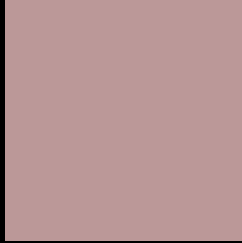
Large Text (above 18pt) WCAG AA × Fail

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 37.3892, 35.2883, 34.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

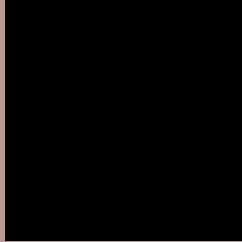
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3892, 35.2883, 34.5465

Background



This preview shows how black text looks on a background with the XYZ color 37.3892, 35.2883, 34.5465.



This preview shows how white text looks on a background with the XYZ color 37.3892, 35.2883,

34.5465.

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

37.3892, 35.2883, 34.5465

Protanopia

33.8814, 35.4344, 36.5063

Deuteranopia

35.8977, 35.2608, 34.1922



Tritanopia

38.1670, 35.1127, 38.9482

Trichromacy



Original Color

37.3892, 35.2883, 34.5465

Protanomaly

34.9866, 35.2512, 35.9705

Deuteranomaly

36.4329, 35.2907, 34.1697

Tritanomaly

37.9772, 35.2932, 37.1584

Monochromacy



Original Color

37.3892, 35.2883, 34.5465

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

35.1930, 35.5803, 37.3606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3892, 35.2883, 34.5465 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, 152, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 152, 152)  
}
```

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, 152, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 152, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.3892, 35.2883, 34.5465 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, 152, 152) }
```


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

```
.border{ border-color:rgb(187, 152, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 152, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 152, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 152, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 152,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3892, 35.2883, 34.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 152, 152) }
```

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

```
.background{ background-color: rgb(187,  
152, 152) }
```

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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