

Converting Colors

XYZ(37.5414, 32.4914, 34.1401)

Have a look what the booklet for
XYZ(37.5414, 32.4914, 34.1401)
contains.

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Color

**XYZ(37.4058, 32.3343,
33.9754)**

Conversions

Conversions Part 1

Format	Color
Hex	C38B98
RGB	195, 139, 152
RGB Percent	76%, 55%, 60%
CMY	0.2353, 0.4549, 0.4039
CMYK	0.00, 0.29, 0.22, 0.24
HSL	346°, 32%, 65%
HSV	346°, 29%, 76%
XYZ	37.4058, 32.3343, 33.9754
YIQ	157.2260, 29.2030, 15.9150

Conversions

Conversions Part 2

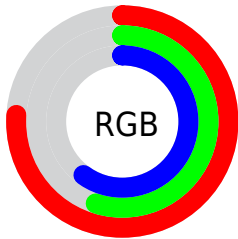
Format	Color
R_{YB}	195, 139, 152
Decimal	12815256
CIE _{Lab}	63.62, 23.23, 1.62
CIE _{LCh}	64, 23.287, 3.987
Yxy	32.3343, 0.3607, 0.3118
Android (android.graphics.Color)	4291005336 (0xFFC38B98)
YUV	157.2260, -2.5764, 33.1278
Hunter-Lab	56.8633, 17.9102, 4.3789

Details

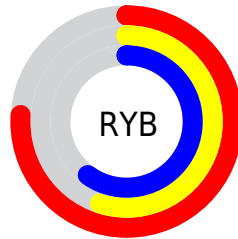
The XYZ color **37.4058, 32.3343, 33.9754** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.6074, 47.8974, 51.4686**, and the grayscale version is **32.1523, 33.8267, 36.8373**.

A 20% lighter version of the original color is **70.3554, 63.2916, 66.9009**, and **16.6539, 13.4945, 14.0389** is the 20% darker color. If you saturate the color by 10%, you get **33.6801, 26.7232, 27.0599**, and if you desaturate by 10%, it is **41.7917, 39.0176, 41.8757**.

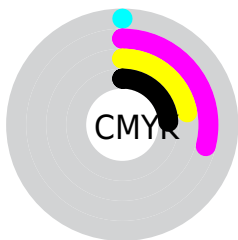
Distribution



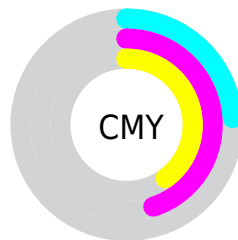
- Red (76%)
- Green (55%)
- Blue (60%)



- Red (76%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.4058, 32.3343, 33.9754 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 37.4058, 32.3343, 33.9754 by changing the saturation by 10% instead.


 37.4058, 32.3343,
33.9754


 37.4058, 32.3343,
33.9754


326.3892,
312.6393, 334.7882


 25.6970, 21.6170,
22.5975

 70.5063, 63.3348,
67.0289

 16.7286, 13.5757,
14.0941


 92.6286, 84.3868,
89.5415

 10.1352, 7.8262,
8.0466


 118.9528,
109.6524, 116.6028

 5.5517, 3.9839,
4.0366

149.8442,
139.5161, 148.6313

 2.6125, 1.6646,
1.6454

185.6682,
174.3622, 186.0456

 0.9523, 0.4006,
0.3229

226.7901,

 0.0000, 0.0000,

214.5752, 229.2641

0.0000

273.5753,
260.5394, 278.7054

■ 37.4058, 32.3343,
33.9754

■ 37.4058, 32.3343,
33.9754

■ 33.6801, 26.7232,
27.0599

■ 41.7917, 39.0176,
41.8757

■ 30.5795, 22.1238,
21.0880

■ 46.8654, 46.8202,
50.7957

■ 28.0695, 18.4768,
16.0185

■ 52.6562, 55.7921,
60.7711

■ 26.1111, 15.7147,
11.8061

■ 59.1907, 65.9787,
71.8353

■ 24.6605, 13.7608,
8.4016

■ 66.4944, 77.4233,
84.0201

■ 23.6666, 12.5257,
5.7502

■ 74.2698, 89.5238,
97.2488

■ 23.0498, 11.8632,
3.7835

■ 76.3158, 90.3422,
108.0233

■ 22.9845, 11.7936,
3.5738

Harmonies

Analogous

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



36.7050, 32.3343, 43.6637



37.4058, 32.3343, 33.9754



36.2175, 32.3343, 26.1105

Triad

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



37.4058, 32.3343, 33.9754



27.3665, 32.3343, 22.3420



28.0698, 32.3343, 53.8882

Complementary

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



37.4058, 32.3343, 33.9754



38.6074, 47.8974, 51.4686

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.



25.8318, 32.3343, 46.2022



37.4058, 32.3343, 33.9754



25.4463, 32.3343, 27.9187

Square

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



37.4058, 32.3343, 33.9754



30.2998, 32.3343, 20.1869



24.9047, 32.3343, 36.4671



31.1698, 32.3343, 56.2758

Rectangle

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



37.4058, 32.3343, 33.9754



34.5599, 32.3343, 22.6114



24.9047, 32.3343, 36.4671



27.1992, 32.3343, 51.7791

Sweetspot

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



37.4067, 32.3358, 33.9761



83.5254, 83.2211, 90.2604



38.3597, 32.3439, 55.8513



17.9804, 17.7451, 19.2240



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



37.4067, 32.3358, 33.9761



62.9770, 51.8450, 53.4428



38.7116, 36.5568, 29.4437



10.1668, 10.1153, 10.9692



14.9659, 7.6761, 2.4667



0.6742, 0.3427, 0.2515

Inverse Universe

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



37.4067, 32.3358, 33.9761



62.9770, 51.8450, 53.4428



36.8337, 42.0996, 57.8148



10.1668, 10.1153, 10.9692



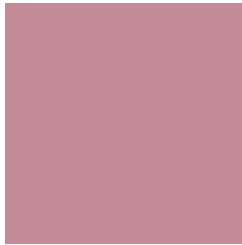
14.9659, 7.6761, 2.4667



0.6742, 0.3427, 0.2515

Previews

White Background



This preview shows how the XYZ color 37.4058, 32.3343, 33.9754 looks on a white background.

Color Contrast Check

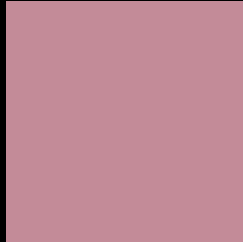
Large Text (above 18pt) WCAG AA × Fail

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 37.4058, 32.3343, 33.9754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

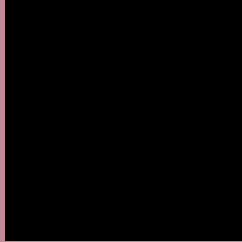
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4058, 32.3343, 33.9754

Background



This preview shows how black text looks on a background with the XYZ color 37.4058, 32.3343, 33.9754.



This preview shows how white text looks on a background with the XYZ color 37.4058, 32.3343,

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

37.4058, 32.3343, 33.9754

Protanopia

31.4183, 32.6178, 37.8977

Deuteranopia

33.0471, 32.3548, 33.3575



Tritanopia

37.2433, 32.2693, 33.1198

Trichromacy



Original Color

37.4058, 32.3343, 33.9754

Protanomaly

33.4108, 32.4753, 36.4057

Deuteranomaly

34.5337, 32.1885, 33.6710

Tritanomaly

37.3242, 32.3017, 33.5458

Monochromacy



Original Color

37.4058, 32.3343, 33.9754

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.6173, 32.8372, 35.5767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4058, 32.3343, 33.9754 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(195, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(195, 139, 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(195, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 139, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.4058, 32.3343, 33.9754 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(195, 139, 152) }
```


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

```
.border{ border-color:rgb(195, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(195, 139,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4058, 32.3343, 33.9754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 139, 152) }
```

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

```
.background{ background-color: rgb(195,  
139, 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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