

Converting Colors

XYZ(35.8378, 35.4104, 32.7892)

Have a look what the booklet for
XYZ(35.8378, 35.4104, 32.7892)
contains.

XYZ(35.8242, 35.4988, 32.9808)	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(35.8242, 35.4988,
32.9808)**

Conversions

Conversions Part 1

Format	Color
Hex	B39C94
RGB	179, 156, 148
RGB Percent	70%, 61%, 58%
CMY	0.2980, 0.3882, 0.4196
CMYK	0.00, 0.13, 0.17, 0.30
HSL	15°, 17%, 64%
HSV	15°, 17%, 70%
XYZ	35.8242, 35.4988, 32.9808
YIQ	161.9650, 16.2760, 2.3880

Conversions

Conversions Part 2

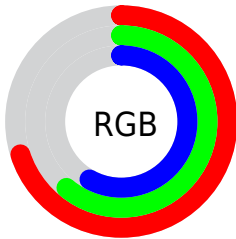
Format	Color
RYB	179, 159, 148
Decimal	11771028
CIELab	66.14, 7.14, 7.30
CIELCh	66, 10.210, 45.607
Yxy	35.4988, 0.3435, 0.3403
Android (android.graphics.Color)	4289961108 (0xFFB39C94)
YUV	161.9650, -6.8847, 14.9397
Hunter-Lab	59.5809, 3.0602, 8.8868

Details

The XYZ color **35.8242, 35.4988, 32.9808** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9121, 38.6755, 48.2732**, and the grayscale version is **34.3530, 36.1420, 39.3586**.

A 20% lighter version of the original color is **67.9682, 68.0196, 65.4239**, and **15.8134, 15.4018, 13.4487** is the 20% darker color. If you saturate the color by 10%, you get **32.4080, 30.7609, 25.3841**, and if you desaturate by 10%, it is **39.7051, 40.8148, 41.8143**.

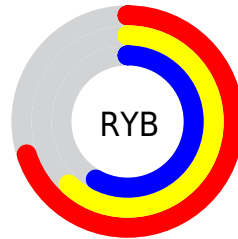
Distribution



Red (70%)

Green (61%)

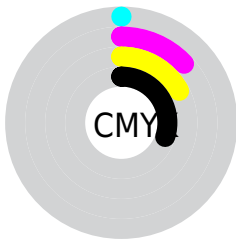
Blue (58%)



Red (70%)

Yellow (62%)

Blue (58%)

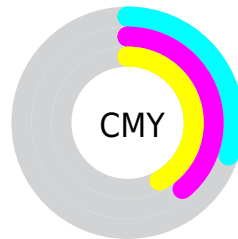


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8242, 35.4988, 32.9808 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 35.8242, 35.4988, 32.9808 by changing the saturation by 10% instead.


 35.8242, 35.4988,
32.9808


 35.8242, 35.4988,
32.9808


319.6362,
326.7646, 330.1926

 24.4679, 24.0474,
21.8407


 68.0863, 68.2578,
65.4612

 15.8077, 15.3688,
13.5427


 89.7228, 90.3341,
87.6387

 9.4782, 9.0786,
7.6682


115.5168,
116.7208, 114.3323

 5.1140, 4.7925,
3.7987

145.8336,
147.8024, 145.9607

 2.3497, 2.1260,
1.5156

181.0386,
183.9631, 182.9424

 0.8199, 0.6792,
0.2295

221.4971,

 0.0000, 0.0000,

225.5875, 225.6959

0.0000

267.5745,
273.0598, 274.6398

■ 35.8242, 35.4988,
32.9808

■ 35.8242, 35.4988,
32.9808

■ 32.4080, 30.7609,
25.3841

■ 39.7051, 40.8148,
41.8143

■ 29.4357, 26.5767,
18.9664

■ 44.0647, 46.7227,
51.9342

■ 26.8893, 22.9270,
13.6688

■ 48.9199, 53.2419,
63.3903

■ 24.7483, 19.7898,
9.4262

■ 54.2858, 60.3895,
76.2289

■ 22.9905, 17.1413,
6.1670

■ 60.1771, 68.1818,
90.4942

■ 21.5913, 14.9559,
3.8103

■ 66.5430, 76.6086,
105.8875

■ 20.5227, 13.2054,
2.2622

■ 70.5024, 84.5275,
107.2073

■ 19.7479, 11.8563,
1.3855

■ 72.4005, 88.3238,
107.8400

■ 19.5759, 11.5545,
1.1985

Harmonies

Analogous

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



36.6309, 35.4988, 36.4463



35.8242, 35.4988, 32.9808



34.4714, 35.4988, 31.1067

Triad

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



35.8242, 35.4988, 32.9808



30.9913, 35.4988, 36.6110



34.5320, 35.4988, 47.2762

Complementary

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



35.8242, 35.4988, 32.9808



34.9121, 38.6755, 48.2732

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.



33.0201, 35.4988, 47.3286



35.8242, 35.4988, 32.9808



31.0064, 35.4988, 40.9452

Square

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



35.8242, 35.4988, 32.9808



31.6973, 35.4988, 33.0936



31.7393, 35.4988, 44.9390



35.8697, 35.4988, 44.8008

Rectangle

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



35.8242, 35.4988, 32.9808



33.4561, 35.4988, 30.9147



31.7393, 35.4988, 44.9390



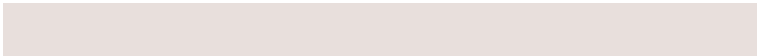
34.0265, 35.4988, 47.5837

Sweetspot

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



35.8252, 35.5004, 32.9815



72.7788, 75.3676, 78.7329



36.5553, 33.7138, 43.2343



16.0082, 16.5400, 17.1756



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.



35.8252, 35.5004, 32.9815



61.5930, 60.0314, 53.3152



38.5463, 40.9426, 33.8886



8.6688, 8.8502, 8.9039



13.8790, 8.2565, 0.8622



0.4848, 0.3560, 0.0432

Inverse Universe

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



34.9121, 38.6755, 48.2732



59.6311, 66.8436, 86.1404



32.1964, 33.2442, 47.3680



8.5533, 9.2527, 10.8415



11.7107, 14.2218, 32.2649



0.4124, 0.5353, 1.0298

Previews

White Background



This preview shows how the XYZ color 35.8242, 35.4988, 32.9808 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 35.8242, 35.4988, 32.9808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

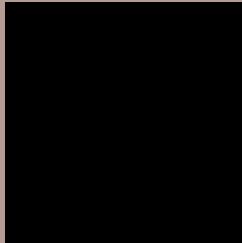
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.8242, 35.4988, 32.9808

Background



This preview shows how black text looks on a background with the XYZ color 35.8242, 35.4988, 32.9808.



This preview shows how white text looks on a background with the XYZ color 35.8242, 35.4988,

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

35.8242, 35.4988, 32.9808

Protanopia

33.8017, 35.4506, 33.9153

Deuteranopia

36.1227, 35.4046, 32.9469



Tritanopia

37.2388, 35.3228, 40.4526

Trichromacy



Original Color

35.8242, 35.4988, 32.9808

Protanomaly

34.6175, 35.6241, 33.4854

Deuteranomaly

35.8890, 35.2841, 32.9359

Tritanomaly

36.6360, 35.3177, 37.6870

Monochromacy



Original Color

35.8242, 35.4988, 32.9808

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.8051, 35.9008, 36.9934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8242, 35.4988, 32.9808 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(179, 156, 148)` looks like.

```
.text, #text, p{  
    color:rgb(179, 156, 148)  
}
```

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(179, 156, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 156, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.8242, 35.4988, 32.9808 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(179, 156, 148) }
```


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

```
.border{ border-color:rgb(179, 156, 148) }
```

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

Here you see how a box with a 4 pixel rgb(179, 156, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 156, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 156, 148);  
box-shadow:4px 4px 4px 4px rgb(179, 156,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8242, 35.4988, 32.9808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 156, 148) }
```

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

```
.background{ background-color: rgb(179,  
156, 148) }
```

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