

Converting Colors

XYZ(35.2471, 35.5026, 28.1621)

Have a look what the booklet for
XYZ(35.2471, 35.5026, 28.1621)
contains.

XYZ(35.3233, 35.5948, 28.3013)	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(35.3233, 35.5948,
28.3013)**

Conversions

Conversions Part 1

Format	Color
Hex	B49D88
RGB	180, 157, 136
RGB Percent	71%, 62%, 53%
CMY	0.2941, 0.3843, 0.4667
CMYK	0.00, 0.13, 0.24, 0.29
HSL	29°, 23%, 62%
HSV	29°, 24%, 71%
XYZ	35.3233, 35.5948, 28.3013
YIQ	161.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

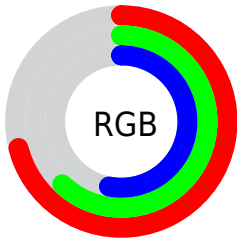
Format	Color
RYB	180, 176, 136
Decimal	11836808
CIELab	66.21, 5.13, 14.10
CIElCh	66, 15.007, 70.001
Yxy	35.5948, 0.3560, 0.3587
Android (android.graphics.Color)	4290026888 (0xFFB49D88)
YUV	161.4830, -12.5631, 16.2394
Hunter-Lab	59.6614, 1.2759, 13.6378

Details

The XYZ color **35.3233, 35.5948, 28.3013** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7895, 33.3250, 47.9898**, and the grayscale version is **34.1519, 35.9305, 39.1283**.

A 20% lighter version of the original color is **67.3209, 68.5940, 57.8359**, and **15.5861, 15.4920, 10.9729** is the 20% darker color. If you saturate the color by 10%, you get **32.6194, 32.0649, 21.6099**, and if you desaturate by 10%, it is **38.3666, 39.4590, 36.1666**.

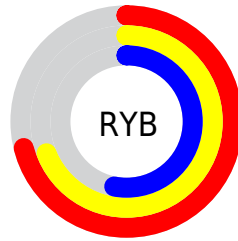
Distribution



Red (71%)

Green (62%)

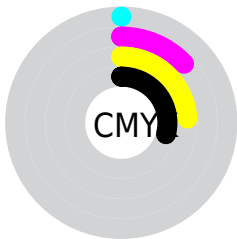
Blue (53%)



Red (71%)

Yellow (69%)

Blue (53%)

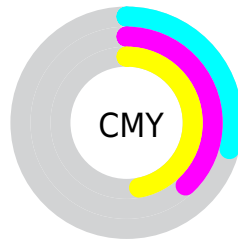


Cyan (0%)

Magenta (13%)

Yellow (24%)

Black (29%)



Cyan (29%)

Magenta (38%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3233, 35.5948, 28.3013 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 35.3233, 35.5948, 28.3013 by changing the saturation by 10% instead.


 35.3233, 35.5948,
28.3013


 35.3233, 35.5948,
28.3013


317.4761,
327.1860, 307.8610


 24.0797, 24.1214,
18.3119

 67.3170, 68.4062,
57.9940

 15.5178, 15.4237,
11.0024


 88.7979, 90.5130,
78.5344

 9.2723, 9.1173,
5.9543


 114.4219,
116.9330, 103.4288

 4.9777, 4.8178,
2.7489

144.5543,
148.0507, 133.0959

 2.2688, 2.1407,
0.9679

179.5606,
184.2505, 167.9541

 0.7786, 0.6874,
0.0000

219.8061,

 0.0000, 0.0000,

225.9167, 208.4220

0.0000

265.6562,
273.4337, 254.9181

■ 35.3233, 35.5948,
28.3013

■ 35.3233, 35.5948,
28.3013

■ 32.6194, 32.0649,
21.6099

■ 38.3666, 39.4590,
36.1666

■ 30.2384, 28.8548,
16.0327

■ 41.7590, 43.6620,
45.2571

■ 28.1670, 25.9556,
11.5082

■ 45.5135, 48.2143,
55.6235

■ 26.3894, 23.3564,
7.9680

■ 49.6413, 53.1243,
67.3131

■ 24.8879, 21.0452,
5.3353

■ 54.1532, 58.4004,
80.3708

■ 23.6430, 19.0091,
3.5217

■ 59.0595, 64.0504,
94.8394

■ 22.6313, 17.2333,
2.4207

■ 63.2222, 69.6228,
104.7141

■ 22.1442, 16.3468,
1.9881

■ 65.8039, 74.7862,
105.5747

■ 68.5274, 80.2332,
106.4825

Harmonies

Analogous

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



37.2326, 35.5948, 31.3698



35.3233, 35.5948, 28.3013



33.0908, 35.5948, 27.8534

Triad

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



35.3233, 35.5948, 28.3013



29.7727, 35.5948, 40.9341



36.6707, 35.5948, 48.9725

Complementary

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



35.3233, 35.5948, 28.3013



30.7895, 33.3250, 47.9898

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.



34.5838, 35.5948, 52.1882



35.3233, 35.5948, 28.3013



30.6447, 35.5948, 47.2207

Square

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



35.3233, 35.5948, 28.3013



29.9511, 35.5948, 34.6970



32.3829, 35.5948, 51.5140



38.0340, 35.5948, 43.1213

Rectangle

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



35.3233, 35.5948, 28.3013



31.7277, 35.5948, 29.0432



32.3829, 35.5948, 51.5140



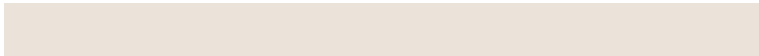
36.0269, 35.5948, 50.4253

Sweetspot

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



35.3242, 35.5964, 28.3020



74.0082, 77.0675, 77.4267



33.9255, 29.8315, 36.9840



15.9167, 16.5595, 16.5213



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.



35.3242, 35.5964, 28.3020



61.4972, 61.2345, 44.9274



39.2933, 43.5346, 29.6251



8.8198, 9.1521, 8.9542



15.5217, 11.5420, 1.4097



0.5469, 0.4802, 0.0639

Inverse Universe

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



30.7895, 33.3250, 47.9898



51.9320, 56.4425, 86.4520



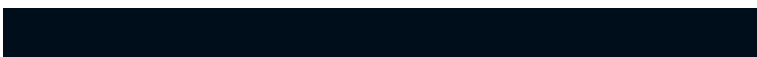
27.4041, 26.5543, 46.8614



8.3971, 8.9405, 10.7894



8.6158, 8.0321, 31.2332



0.3291, 0.3687, 1.0021

Previews

White Background



This preview shows how the XYZ color 35.3233, 35.5948, 28.3013 looks on a white background.

Color Contrast Check

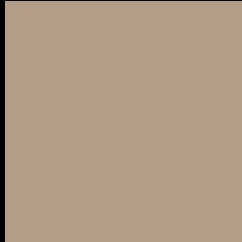
Large Text (above 18pt) WCAG AA × Fail

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 35.3233, 35.5948, 28.3013 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

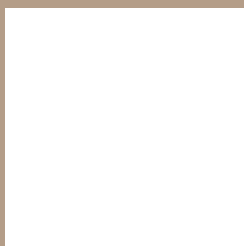
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3233, 35.5948, 28.3013

Background



This preview shows how black text looks on a background with the XYZ color 35.3233, 35.5948, 28.3013.



This preview shows how white text looks on a background with the XYZ color 35.3233, 35.5948,

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

35.3233, 35.5948, 28.3013

Protanopia

33.6945, 35.7597, 29.1712

Deuteranopia

36.1729, 35.5346, 28.2449



Tritanopia

37.7112, 35.5664, 40.4747

Trichromacy



Original Color

35.3233, 35.5948, 28.3013

Protanomaly

34.3197, 35.8320, 28.7743

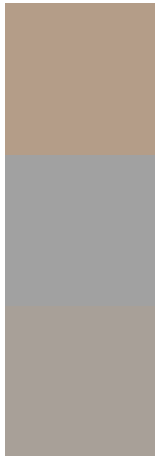
Deuteranomaly

35.8608, 35.6218, 28.2782

Tritanomaly

36.6797, 35.3894, 35.4695

Monochromacy



Original Color

35.3233, 35.5948, 28.3013

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3868, 35.7334, 34.7906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3233, 35.5948, 28.3013 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(180, 157, 136)` looks like.

```
.text, #text, p{  
    color:rgb(180, 157, 136)  
}
```

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(180, 157, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 157, 136) }
```

Border

The CSS property to change the border of an element to XYZ 35.3233, 35.5948, 28.3013 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(180, 157, 136) }
```


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

```
.border{ border-color:rgb(180, 157, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 157, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 157, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 157, 136);  
box-shadow:4px 4px 4px 4px rgb(180, 157,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3233, 35.5948, 28.3013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 157, 136) }
```

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

```
.background{ background-color: rgb(180,  
157, 136) }
```

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