

Converting Colors

XYZ(34.8787, 33.6575, 27.9508)

Have a look what the booklet for
XYZ(34.8787, 33.6575, 27.9508)
contains.

XYZ(34.8787, 33.6575, 27.9508)	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(34.8787, 33.6575,
27.9508)**

Conversions

Conversions Part 1

Format	Color
Hex	B79688
RGB	183, 150, 136
RGB Percent	72%, 59%, 53%
CMY	0.2824, 0.4117, 0.4667
CMYK	0.00, 0.18, 0.26, 0.28
HSL	18°, 25%, 63%
HSV	18°, 26%, 72%
XYZ	34.8787, 33.6575, 27.9508
YIQ	158.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

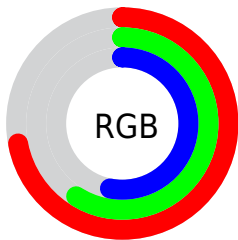
Format	Color
RYB	183, 156, 136
Decimal	12031624
CIELab	64.69, 10.17, 12.01
CIELCh	65, 15.737, 49.755
Yxy	33.6575, 0.3615, 0.3488
Android (android.graphics.Color)	4290221704 (0xFFB79688)
YUV	158.2710, -10.9796, 21.6873
Hunter-Lab	58.0151, 5.7879, 12.0455

Details

The XYZ color **34.8787, 33.6575, 27.9508** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.8882, 37.0281, 50.2137**, and the grayscale version is **32.6637, 34.3648, 37.4233**.

A 20% lighter version of the original color is **66.7134, 65.3851, 57.2485**, and **15.1948, 14.2627, 10.7562** is the 20% darker color. If you saturate the color by 10%, you get **31.7488, 29.3042, 21.0295**, and if you desaturate by 10%, it is **38.4573, 38.5523, 36.1180**.

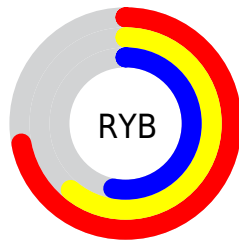
Distribution



Red (72%)

Green (59%)

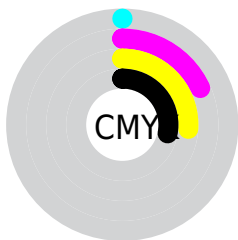
Blue (53%)



Red (72%)

Yellow (61%)

Blue (53%)

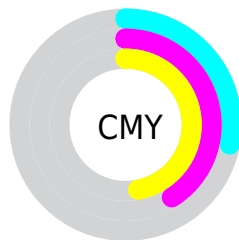


Cyan (0%)

Magenta (18%)

Yellow (26%)

Black (28%)



Cyan (28%)


Magenta (41%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8787, 33.6575, 27.9508 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 34.8787, 33.6575, 27.9508 by changing the saturation by 10% instead.


 34.8787, 33.6575,
27.9508


 34.8787, 33.6575,
27.9508


315.5500,
318.6021, 306.1363

 23.7355, 22.6306,
18.0499


 66.6331, 65.4007,
57.4280

 15.2612, 14.3210,
10.8160


 87.9750, 86.8858,
77.8414

 9.0904, 8.3443,
5.8306


 113.4472,
112.6257, 102.5960

 4.8578, 4.3160,
2.6752

143.4150,
143.0049, 132.1104

 2.1980, 1.8519,
0.9309

178.2439,
178.4078, 166.8030

 0.7417, 0.5192,
0.0000

218.2991,

 0.0000, 0.0000,

219.2187, 207.0926

0.0000

263.9460,
265.8220, 253.3975

■ 34.8787, 33.6575,
27.9508

■ 34.8787, 33.6575,
27.9508

■ 31.7488, 29.3042,
21.0295

■ 38.4573, 38.5523,
36.1180

■ 29.0464, 25.4688,
15.2902

■ 42.4993, 44.0020,
45.5865

■ 26.7525, 22.1328,
10.6665

■ 47.0220, 50.0253,
56.4108

■ 24.8455, 19.2747,
7.0844

■ 52.0409, 56.6384,
68.6418

■ 23.3018, 16.8713,
4.4609

■ 57.5709, 63.8570,
82.3277

■ 22.0944, 14.8972,
2.7001

■ 63.6263, 71.6964,
97.5144

■ 21.1914, 13.3238,
1.6817

■ 68.7202, 79.5708,
106.3445

■ 20.8722, 12.7547,
1.3618

■ 72.6360, 87.4023,
107.6498

■ 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



36.2538, 33.6575, 32.6025



34.8787, 33.6575, 27.9508



32.7690, 33.6575, 25.7210

Triad

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



34.8787, 33.6575, 27.9508



27.9047, 33.6575, 34.4796



33.4807, 33.6575, 49.6420

Complementary

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



34.8787, 33.6575, 27.9508



32.8882, 37.0281, 50.2137

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.



31.2243, 33.6575, 50.2981



34.8787, 33.6575, 27.9508



28.0752, 33.6575, 41.0135

Square

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



34.8787, 33.6575, 27.9508



28.7891, 33.6575, 29.1856



29.2662, 33.6575, 46.9830



35.4207, 33.6575, 45.2834

Rectangle

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



34.8787, 33.6575, 27.9508



31.2603, 33.6575, 25.7064



29.2662, 33.6575, 46.9830



32.7319, 33.6575, 50.3210

Sweetspot

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



34.8796, 33.6590, 27.9515



74.2635, 76.3220, 77.2694



35.5587, 30.5663, 41.8994



16.1567, 16.5264, 16.4881



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.



34.8796, 33.6590, 27.9515



59.1046, 55.6207, 42.5694



38.8811, 41.6620, 29.2853



9.2169, 9.4368, 9.4426



14.6139, 9.0042, 0.9677



0.5710, 0.4290, 0.0527

Inverse Universe

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



32.8882, 37.0281, 50.2137



54.9054, 62.7030, 89.4448



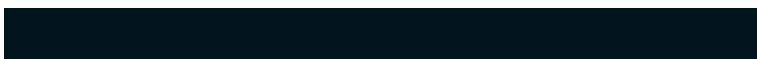
29.0081, 29.2679, 48.9203



9.0347, 9.7465, 11.4845



11.4532, 13.3660, 33.2293



0.4550, 0.5736, 1.1885

Previews

White Background



This preview shows how the XYZ color 34.8787, 33.6575, 27.9508 looks on a white background.

Color Contrast Check

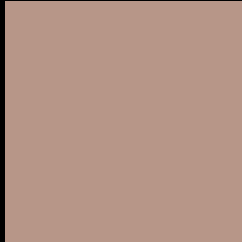
Large Text (above 18pt) WCAG AA × Fail

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 34.8787, 33.6575, 27.9508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

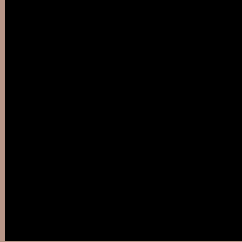
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.8787, 33.6575, 27.9508

Background



This preview shows how black text looks on a background with the XYZ color 34.8787, 33.6575, 27.9508.



This preview shows how white text looks on a background with the XYZ color 34.8787, 33.6575,

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

34.8787, 33.6575, 27.9508

Protanopia

32.0270, 33.8705, 29.2758

Deuteranopia

34.3329, 33.6141, 27.9712



Tritanopia

36.8550, 33.7752, 36.9245

Trichromacy



Original Color

34.8787, 33.6575, 27.9508

Protanomaly

32.9376, 33.6041, 28.7950

Deuteranomaly

34.5666, 33.7345, 27.9821

Tritanomaly

36.1025, 33.6961, 33.4554

Monochromacy



Original Color

34.8787, 33.6575, 27.9508

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.1627, 33.8602, 33.6420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8787, 33.6575, 27.9508 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(183, 150, 136)` looks like.

```
.text, #text, p{  
    color:rgb(183, 150, 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(183, 150, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 150, 136) }
```

Border

The CSS property to change the border of an element to XYZ 34.8787, 33.6575, 27.9508 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(183, 150, 136) }
```


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

```
.border{ border-color:rgb(183, 150, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 150, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 150, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 150, 136);  
box-shadow:4px 4px 4px 4px rgb(183, 150,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8787, 33.6575, 27.9508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 150, 136) }
```

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

```
.background{ background-color: rgb(183,  
150, 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