

Converting Colors

XYZ(33.0380, 35.0363, 28.6885)

Have a look what the booklet for
XYZ(33.0380, 35.0363, 28.6885)
contains.

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Color

**XYZ(33.0619, 34.9272,
28.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	A89F89
RGB	168, 159, 137
RGB Percent	66%, 62%, 54%
CMY	0.3412, 0.3765, 0.4627
CMYK	0.00, 0.05, 0.18, 0.34
HSL	43°, 15%, 60%
HSV	43°, 18%, 66%
XYZ	33.0619, 34.9272, 28.6660
YIQ	159.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

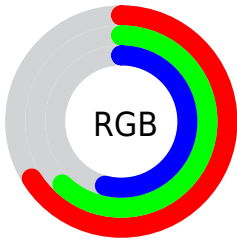
Format	Color
RYB	150, 168, 137
Decimal	11050889
CIELab	65.69, -0.48, 12.66
CIELCh	66, 12.674, 92.167
Yxy	34.9272, 0.3421, 0.3614
Android (android.graphics.Color)	4289240969 (0xFFA89F89)
YUV	159.1830, -10.9362, 7.7325
Hunter-Lab	59.0992, -3.5654, 12.6109

Details

The XYZ color **33.0619, 34.9272, 28.6660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.6632, 28.7027, 41.1281**, and the grayscale version is **33.0836, 34.8065, 37.9043**.

A 20% lighter version of the original color is **63.7723, 67.4988, 58.3826**, and **14.2853, 15.1262, 11.1836** is the 20% darker color. If you saturate the color by 10%, you get **31.1278, 32.8395, 22.5315**, and if you desaturate by 10%, it is **35.2187, 37.1592, 35.8014**.

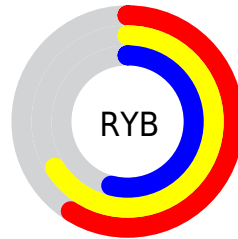
Distribution



Red (66%)

Green (62%)

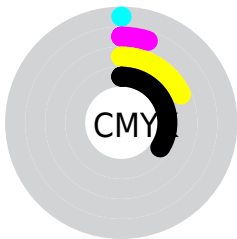
Blue (54%)



Red (59%)

Yellow (66%)

Blue (54%)

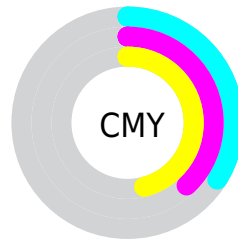


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (34%)



Cyan (34%)

Magenta (38%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0619, 34.9272, 28.6660 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 33.0619, 34.9272, 28.6660 by changing the saturation by 10% instead.

■ 33.0619, 34.9272,
28.6660

■ 33.0619, 34.9272,
28.6660

307.5886,
324.2469, 309.6472

■ 22.3333, 23.6068,
18.5849

■ 63.8262, 67.3730,
58.5818

■ 14.2200, 15.0422,
11.1970

■ 84.5926, 89.2671,
79.2537

■ 8.3566, 8.8490,
6.0836

■ 109.4357,
115.4547, 104.2928

■ 4.3777, 4.6428,
2.8264

138.7208,
146.3200, 134.1178

■ 1.9179, 2.0393,
1.0067

172.8133,
182.2475, 169.1472

■ 0.5872, 0.6301,
0.0000

212.0786,

■ 0.0000, 0.0000,

223.6215, 209.7996

0.0000

256.8819,
270.8265, 256.4934

■ 33.0619, 34.9272,
28.6660

■ 33.0619, 34.9272,
28.6660

■ 31.1278, 32.8395,
22.5315

■ 35.2187, 37.1592,
35.8014

■ 29.4044, 30.8873,
17.3499

■ 37.6037, 39.5349,
43.9782

■ 27.8831, 29.0676,
13.0726

■ 40.2260, 42.0596,
53.2375

■ 26.5532, 27.3755,
9.6460

■ 43.0931, 44.7368,
63.6173

■ 25.4031, 25.8058,
7.0104

■ 46.2122, 47.5701,
75.1540

■ 24.4196, 24.3526,
5.0987

■ 49.5902, 50.5627,
87.8820

■ 23.5874, 23.0090,
3.8322

■ 53.2338, 53.7179,
101.8347

■ 22.8792, 21.7635,
3.0696

■ 54.3945, 55.9369,
102.5377

■ 22.7746, 21.5769,
2.9644

■ 55.5270, 58.2019,
102.9152

Harmonies

Analogous

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



34.8992, 34.9272, 29.6547



33.0619, 34.9272, 28.6660



31.3252, 34.9272, 29.9848

Triad

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



33.0619, 34.9272, 28.6660



30.2544, 34.9272, 43.7612



36.4691, 34.9272, 43.0271

Complementary

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



33.0619, 34.9272, 28.6660



27.6632, 28.7027, 41.1281

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.



35.1424, 34.9272, 47.3986



33.0619, 34.9272, 28.6660



31.5516, 34.9272, 47.8496

Square

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



33.0619, 34.9272, 28.6660



29.7426, 34.9272, 38.4193



33.3330, 34.9272, 49.2384



36.9096, 34.9272, 37.6429

Rectangle

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



33.0619, 34.9272, 28.6660



30.4459, 34.9272, 32.0742



33.3330, 34.9272, 49.2384



36.1096, 34.9272, 44.6804

Sweetspot

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



33.0628, 34.9288, 28.6667



64.8848, 68.4162, 68.2689



30.3061, 28.3013, 31.1825



14.0858, 14.8551, 14.6887



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.0628, 34.9288, 28.6667



58.5624, 61.8546, 47.4076



33.3780, 37.4721, 29.1410



7.9602, 8.4005, 7.9912



17.2440, 16.3853, 2.2538



0.4603, 0.4801, 0.0684

Inverse Universe

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



27.6632, 28.7027, 41.1281



46.9926, 48.5154, 74.1127



27.3763, 26.5765, 40.7328



7.3026, 7.6421, 9.5085



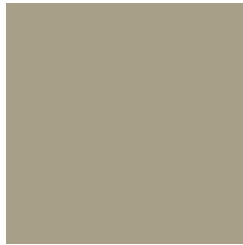
6.1984, 3.8570, 28.3933



0.1941, 0.1805, 0.7052

Previews

White Background



This preview shows how the XYZ color 33.0619, 34.9272, 28.6660 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 33.0619, 34.9272, 28.6660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

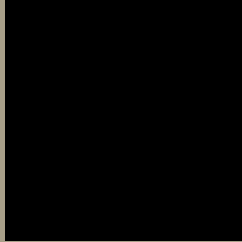
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

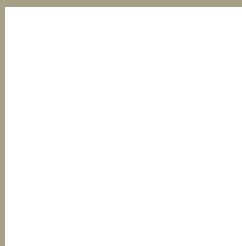
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0619, 34.9272, 28.6660

Background



This preview shows how black text looks on a background with the XYZ color 33.0619, 34.9272, 28.6660.



This preview shows how white text looks on a background with the XYZ color 33.0619, 34.9272,

28.6660.

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

33.0619, 34.9272, 28.6660

Protanopia

33.0619, 34.9272, 28.6660

Deuteranopia

35.6715, 35.0135, 28.9229



Tritanopia

35.7097, 35.0034, 41.4334

Trichromacy



Original Color

33.0619, 34.9272, 28.6660

Protanomaly

33.0619, 34.9272, 28.6660

Deuteranomaly

34.8360, 35.0769, 28.9792

Tritanomaly

34.6838, 34.8352, 36.3483

Monochromacy



Original Color

33.0619, 34.9272, 28.6660

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8843, 34.7120, 34.2451

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0619, 34.9272, 28.6660 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(168, 159, 137)` looks like.

```
.text, #text, p{  
    color:rgb(168, 159, 137)  
}
```

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(168, 159, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 159, 137) }
```

Border

The CSS property to change the border of an element to XYZ 33.0619, 34.9272, 28.6660 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(168, 159, 137) }
```


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

```
.border{ border-color:rgb(168, 159, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 159, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 159, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 159, 137);  
box-shadow:4px 4px 4px 4px rgb(168, 159,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0619, 34.9272, 28.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 159, 137) }
```

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

```
.background{ background-color: rgb(168,  
159, 137) }
```

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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