

Converting Colors

XYZ(33.4642, 29.1503, 33.8706)

Have a look what the booklet for
XYZ(33.4642, 29.1503, 33.8706)
contains.

XYZ(33.5663, 29.2952, 34.0224)	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(33.5663, 29.2952,
34.0224)**

Conversions

Conversions Part 1

Format	Color
Hex	B68699
RGB	182, 134, 153
RGB Percent	71%, 53%, 60%
CMY	0.2863, 0.4745, 0.4000
CMYK	0.00, 0.26, 0.16, 0.29
HSL	336°, 25%, 62%
HSV	336°, 26%, 71%
XYZ	33.5663, 29.2952, 34.0224
YIQ	150.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

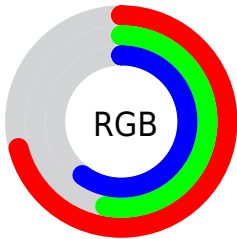
Format	Color
RYB	182, 134, 153
Decimal	11962009
CIELab	61.04, 21.35, -2.89
CIElCh	61, 21.540, 352.299
Yxy	29.2952, 0.3465, 0.3024
Android (android.graphics.Color)	4290152089 (0xFFB68699)
YUV	150.5180, 1.2236, 27.6097
Hunter-Lab	54.1250, 15.9801, 0.6185

Details

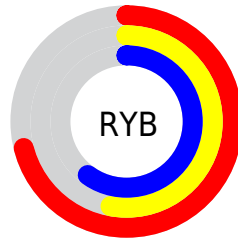
The XYZ color **33.5663, 29.2952, 34.0224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1716, 41.1694, 40.8505**, and the grayscale version is **29.1986, 30.7192, 33.4532**.

A 20% lighter version of the original color is **64.8423, 58.8222, 66.9677**, and **14.4707, 11.8892, 14.1025** is the 20% darker color. If you saturate the color by 10%, you get **30.3972, 24.3440, 28.6896**, and if you desaturate by 10%, it is **37.2537, 35.1483, 39.9416**.

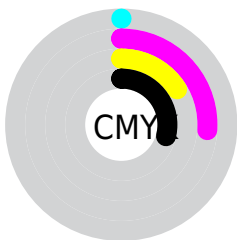
Distribution



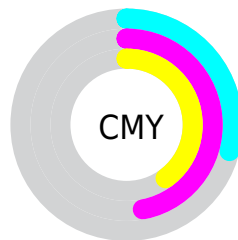
- Red (71%)
- Green (53%)
- Blue (60%)



- Red (71%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (16%)
- Black (29%)




- Cyan (29%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5663, 29.2952, 34.0224 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 33.5663, 29.2952, 34.0224 by changing the saturation by 10% instead.


 33.5663, 29.2952,
34.0224


 33.5663, 29.2952,
34.0224


309.8139,
298.6053, 335.0041


 22.7219, 19.3042,
22.6333

 64.6074, 58.5458,
67.1028

 14.5079, 11.8903,
14.1202


 85.5349, 78.5742,
89.6312

 8.5588, 6.6690,
8.0646


 110.5541,
102.7172, 116.7097

 4.5093, 3.2560,
4.0480

140.0305,
131.3592, 148.7570

 1.9941, 1.2668,
1.6517

174.3293,
164.8847, 186.1916

 0.6307, 0.1153,
0.3273

213.8159,

 0.0000, 0.0000,

203.6779, 229.4319

0.0000

258.8556,
248.1233, 278.8966

■ 33.5663, 29.2952,
34.0224

■ 33.5663, 29.2952,
34.0224

■ 30.3972, 24.3440,
28.6896

■ 37.2537, 35.1483,
39.9416

■ 27.7196, 20.2456,
23.9222

■ 41.4796, 41.9415,
46.4638

■ 25.5076, 16.9520,
19.7004

■ 46.2662, 49.7153,
53.6068

■ 23.7323, 14.4089,
16.0024

■ 51.6337, 58.5069,
61.3874

■ 22.3610, 12.5554,
12.8045

■ 57.6013, 68.3515,
69.8216

■ 21.3562, 11.3205,
10.0808

■ 64.1872, 79.2825,
78.9247

■ 20.6686, 10.6107,
7.8006

■ 69.3314, 87.1771,
88.0191

■ 20.4624, 10.4135,
7.0683

■ 70.9249, 87.8145,
96.4106

■ 72.6176, 88.4916,
105.3245

Harmonies

Analogous

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



32.3551, 29.2952, 42.3595



33.5663, 29.2952, 34.0224



33.1643, 29.2952, 26.3642

Triad

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



33.5663, 29.2952, 34.0224



25.8384, 29.2952, 19.5865



24.6604, 29.2952, 45.8182

Complementary

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



33.5663, 29.2952, 34.0224



33.1716, 41.1694, 40.8505

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.



23.1259, 29.2952, 38.1554



33.5663, 29.2952, 34.0224



23.7733, 29.2952, 23.3177

Square

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



33.5663, 29.2952, 34.0224



28.5766, 29.2952, 18.8584



22.8124, 29.2952, 29.8630



27.1244, 29.2952, 49.8791

Rectangle

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



33.5663, 29.2952, 34.0224



32.0472, 29.2952, 22.5522



22.8124, 29.2952, 29.8630



24.0257, 29.2952, 43.5223

Sweetspot

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



33.5671, 29.2965, 34.0230



73.7773, 73.7393, 82.0711



32.0331, 28.1945, 48.0101



16.0319, 15.8625, 17.7243



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.



33.5671, 29.2965, 34.0230



57.2026, 47.3865, 55.5938



32.7992, 30.0751, 26.6322



9.1479, 9.0695, 10.1262



14.4810, 7.3662, 5.1537



0.5413, 0.2720, 0.3437

Inverse Universe

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



33.5671, 29.2965, 34.0230



57.2026, 47.3865, 55.5938



34.0377, 39.9699, 50.1774



9.1479, 9.0695, 10.1262



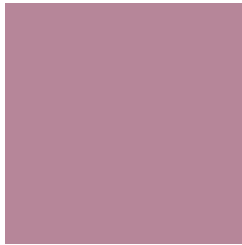
14.4810, 7.3662, 5.1537



0.5413, 0.2720, 0.3437

Previews

White Background



This preview shows how the XYZ color 33.5663, 29.2952, 34.0224 looks on a white background.

Color Contrast Check

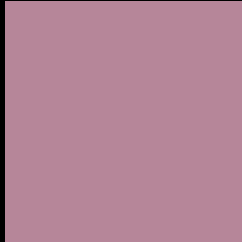
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5663, 29.2952, 34.0224 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 × Fail

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

XYZ 33.5663, 29.2952, 34.0224

Background



This preview shows how black text looks on a background with the XYZ color 33.5663, 29.2952, 34.0224.



This preview shows how white text looks on a background with the XYZ color 33.5663, 29.2952,

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

33.5663, 29.2952, 34.0224

Protanopia

28.7208, 29.5516, 37.9085

Deuteranopia

29.9056, 29.3529, 33.3676



Tritanopia

32.9083, 29.2270, 31.1011

Trichromacy



Original Color

33.5663, 29.2952, 34.0224

Protanomaly

30.1426, 29.1856, 36.3924

Deuteranomaly

31.1940, 29.3480, 33.7264

Tritanomaly

33.1448, 29.3216, 32.3465

Monochromacy



Original Color

33.5663, 29.2952, 34.0224

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.6932, 30.1992, 33.9171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5663, 29.2952, 34.0224 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(182, 134, 153)` looks like.

```
.text, #text, p{  
    color:rgb(182, 134, 153)  
}
```

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(182, 134, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 134, 153) }
```

Border

The CSS property to change the border of an element to XYZ 33.5663, 29.2952, 34.0224 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(182, 134, 153) }
```


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

```
.border{ border-color:rgb(182, 134, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 134, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 134, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 134, 153);  
box-shadow:4px 4px 4px 4px rgb(182, 134,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5663, 29.2952, 34.0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 134, 153) }
```

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

```
.background{ background-color: rgb(182,  
134, 153) }
```

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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