

Converting Colors

XYZ(33.0145, 28.3865, 28.4005)

Have a look what the booklet for
XYZ(33.0145, 28.3865, 28.4005)
contains.

XYZ(32.9660, 28.2978, 28.5355)	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(32.9660, 28.2978,
28.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	BA828C
RGB	186, 130, 140
RGB Percent	73%, 51%, 55%
CMY	0.2706, 0.4902, 0.4510
CMYK	0.00, 0.30, 0.25, 0.27
HSL	349°, 29%, 62%
HSV	349°, 30%, 73%
XYZ	32.9660, 28.2978, 28.5355
YIQ	147.8840, 30.1660, 14.9820

Conversions

Conversions Part 2

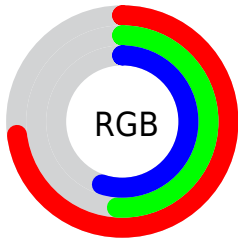
Format	Color
R _Y B	186, 130, 140
Decimal	12223116
CIE Lab	60.16, 23.04, 3.32
CIE LCh	60, 23.276, 8.191
Yxy	28.2978, 0.3671, 0.3151
Android (android.graphics.Color)	4290413196 (0xFFBA828C)
YUV	147.8840, -3.8868, 33.4277
Hunter-Lab	53.1957, 17.5262, 5.4323

Details

The XYZ color **32.9660, 28.2978, 28.5355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.6025, 42.9990, 47.5523**, and the grayscale version is **28.1075, 29.5713, 32.2031**.

A 20% lighter version of the original color is **63.5213, 56.7719, 58.0622**, and **14.2298, 11.3810, 11.1196** is the 20% darker color. If you saturate the color by 10%, you get **29.6624, 23.3701, 22.2564**, and if you desaturate by 10%, it is **36.8748, 34.1852, 35.7889**.

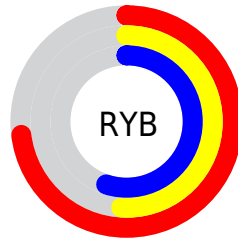
Distribution



Red (73%)

Green (51%)

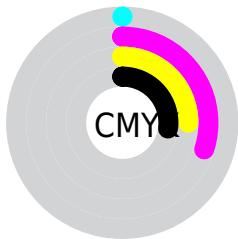
Blue (55%)



Red (73%)

Yellow (51%)

Blue (55%)

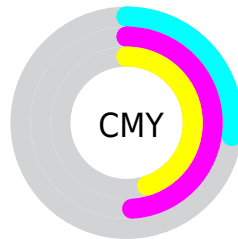


Cyan (0%)

Magenta (30%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (49%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9660, 28.2978, 28.5355 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 32.9660, 28.2978, 28.5355 by changing the saturation by 10% instead.


 32.9660, 28.2978,
28.5355


 32.9660, 28.2978,
28.5355


307.1642,
293.8872, 309.0090


 22.2595, 18.5503,
18.4872


 63.6775, 56.9595,
58.3716

 14.1654, 11.3458,
11.1273


 84.4132, 76.6425,
78.9965

 8.3183, 6.2999,
6.0373


 109.2227,
100.4062, 103.9839

 4.3528, 3.0283,
2.7986

138.4713,
128.6348, 133.7525

 1.9036, 1.1465,
0.9927

172.5244,
161.7128, 168.7208

 0.5789, 0.0174,
0.0000

211.7473,

 0.0000, 0.0000,

200.0246, 209.3073

0.0000

256.5055,
243.9546, 255.9305

■ 32.9660, 28.2978,
28.5355

■ 32.9660, 28.2978,
28.5355

■ 29.6624, 23.3701,
22.2564

■ 36.8748, 34.1852,
35.7889

■ 26.9312, 19.3473,
16.9080

■ 41.4149, 41.0752,
44.0541

■ 24.7400, 16.1751,
12.4461


■ 46.6135, 49.0131,
53.3687


■ 23.0519, 13.7921,
8.8220


■ 52.4957, 58.0402,
63.7680


■ 21.8257, 12.1282,
5.9821


■ 59.0851, 68.1956,
75.2853

 21.0130, 11.1011,
3.8667

 66.4043, 79.5164,
87.9529

 20.5272, 10.5501,
2.4084

 72.7919, 88.6720,
101.2405

 74.0598, 89.1792,
107.9177

Harmonies

Analogous

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



32.5655, 28.2978, 37.3088



32.9660, 28.2978, 28.5355



31.6482, 28.2978, 21.7503

Triad

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



32.9660, 28.2978, 28.5355



23.5116, 28.2978, 19.6440



24.8261, 28.2978, 48.6655

Complementary

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



32.9660, 28.2978, 28.5355



34.6025, 42.9990, 47.5523

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.



22.6454, 28.2978, 42.0934



32.9660, 28.2978, 28.5355



21.9263, 28.2978, 25.1160

Square

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



32.9660, 28.2978, 28.5355



26.0893, 28.2978, 17.2722



21.6213, 28.2978, 33.2054



27.7196, 28.2978, 50.0421

Rectangle

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



32.9660, 28.2978, 28.5355



30.0260, 28.2978, 18.8792



21.6213, 28.2978, 33.2054



23.9918, 28.2978, 46.9392

Sweetspot

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



32.9668, 28.2991, 28.5361



75.9153, 75.7434, 81.3816



34.6908, 28.7109, 50.1681



16.4326, 16.2457, 17.4068



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



32.9668, 28.2991, 28.5361



55.7453, 45.3029, 44.1391



34.8281, 33.1483, 25.6833



9.0683, 9.0377, 9.7073



13.8302, 7.1058, 1.7268



0.5077, 0.2586, 0.1669

Inverse Universe

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



32.9668, 28.2991, 28.5361



55.7453, 45.3029, 44.1391



32.1219, 36.3959, 51.7868



9.0683, 9.0377, 9.7073



13.8302, 7.1058, 1.7268



0.5077, 0.2586, 0.1669

Previews

White Background



This preview shows how the XYZ color 32.9660, 28.2978, 28.5355 looks on a white background.

Color Contrast Check

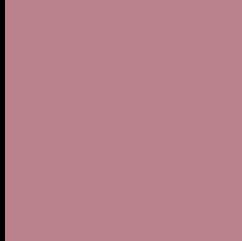
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9660, 28.2978, 28.5355 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 32.9660, 28.2978, 28.5355

Background



This preview shows how black text looks on a background with the XYZ color 32.9660, 28.2978, 28.5355.



This preview shows how white text looks on a background with the XYZ color 32.9660, 28.2978,

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

32.9660, 28.2978, 28.5355

Protanopia

27.5033, 28.5920, 32.0862

Deuteranopia

28.8658, 28.2725, 27.9805



Tritanopia

32.9660, 28.2978, 28.5355

Trichromacy



Original Color

32.9660, 28.2978, 28.5355

Protanomaly

29.1869, 28.3776, 30.7272

Deuteranomaly

30.2589, 28.1303, 28.2610

Tritanomaly

32.9660, 28.2978, 28.5355

Monochromacy



Original Color

32.9660, 28.2978, 28.5355

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.5360, 28.7755, 30.7856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9660, 28.2978, 28.5355 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(186, 130, 140)` looks like.

```
.text, #text, p{  
    color:rgb(186, 130, 140)  
}
```

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(186, 130, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 130, 140) }
```

Border

The CSS property to change the border of an element to XYZ 32.9660, 28.2978, 28.5355 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(186, 130, 140) }
```


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

```
.border{ border-color:rgb(186, 130, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 130, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 130, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 130, 140);  
box-shadow:4px 4px 4px 4px rgb(186, 130,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9660, 28.2978, 28.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 130, 140) }
```

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

```
.background{ background-color: rgb(186,  
130, 140) }
```

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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