

Converting Colors

XYZ(32.2414, 28.7380, 28.2738)

Have a look what the booklet for
XYZ(32.2414, 28.7380, 28.2738)
contains.

XYZ(32.2414, 28.7380, 28.2738)	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(32.2414, 28.7380,
28.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	B5868B
RGB	181, 134, 139
RGB Percent	71%, 53%, 55%
CMY	0.2902, 0.4745, 0.4549
CMYK	0.00, 0.26, 0.23, 0.29
HSL	354°, 24%, 62%
HSV	354°, 26%, 71%
XYZ	32.2414, 28.7380, 28.2738
YIQ	148.6230, 26.4070, 11.5190

Conversions

Conversions Part 2

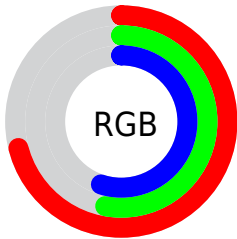
Format	Color
RYB	181, 134, 139
Decimal	11896459
CIELab	60.55, 18.75, 4.39
CIElCh	61, 19.258, 13.164
Yxy	28.7380, 0.3612, 0.3220
Android (android.graphics.Color)	4290086539 (0xFFB5868B)
YUV	148.6230, -4.7441, 28.3946
Hunter-Lab	53.6078, 13.5417, 6.2548

Details

The XYZ color **32.2414, 28.7380, 28.2738** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.1931, 41.2515, 47.2365**, and the grayscale version is **28.4209, 29.9010, 32.5622**.

A 20% lighter version of the original color is **62.5446, 57.5236, 57.6759**, and **13.7259, 11.5739, 10.9618** is the 20% darker color. If you saturate the color by 10%, you get **28.8548, 23.7182, 21.7389**, and if you desaturate by 10%, it is **36.2327, 34.6867, 35.8737**.

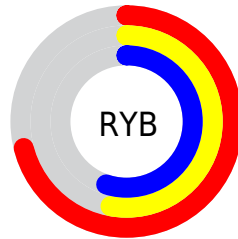
Distribution



Red (71%)

Green (53%)

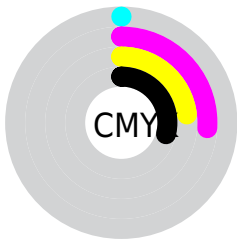
Blue (55%)



Red (71%)

Yellow (53%)

Blue (55%)

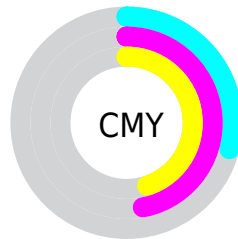


Cyan (0%)

Magenta (26%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (47%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2414, 28.7380, 28.2738 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 32.2414, 28.7380, 28.2738 by changing the saturation by 10% instead.


 32.2414, 28.7380,
28.2738


 32.2414, 28.7380,
28.2738


303.9432,
295.9768, 307.7259


 21.7024, 18.8827,
18.2913


 62.5520, 57.6606,
57.9496

 13.7538, 11.5856,
10.9877


 83.0543, 77.4966,
78.4801

 8.0302, 6.4621,
5.9445


 107.6083,
101.4284, 103.3636

 4.1662, 3.1281,
2.7431

136.5796,
129.8403, 133.0187

 1.7966, 1.1990,
0.9650

170.3333,
163.1167, 167.8639

 0.5156, 0.0609,
0.0000

209.2350,

 0.0000, 0.0000,

201.6419, 208.3178

0.0000

253.6498,
245.8005, 254.7990

■ 32.2414, 28.7380,
28.2738

■ 32.2414, 28.7380,
28.2738

■ 28.8548, 23.7182,
21.7389

■ 36.2327, 34.6867,
35.8737

■ 26.0410, 19.5768,
16.2197

■ 40.8536, 41.6037,
44.5815

■ 23.7690, 16.2642,
11.6655

■ 46.1308, 49.5310,
54.4397

■ 22.0035, 13.7246,
8.0208

■ 52.0886, 58.5069,
65.4881

■ 20.7054, 11.8952,
5.2241

■ 58.7500, 68.5677,
77.7648

■ 19.8295, 10.7033,
3.2063

■ 66.1369, 79.7480,
91.3058

■ 19.3194, 10.0560,
1.8867

■ 72.4235, 88.3867,
105.5303

■ 19.1759, 9.8717,
1.5218

■ 72.8662, 88.5638,
107.8618

Harmonies

Analogous

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



32.1529, 28.7380, 35.4280



32.2414, 28.7380, 28.2738



30.9538, 28.7380, 22.8247

Triad

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



32.2414, 28.7380, 28.2738



24.1716, 28.7380, 22.3255



25.9527, 28.7380, 46.3175

Complementary

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



32.2414, 28.7380, 28.2738



34.1931, 41.2515, 47.2365

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.



23.9725, 28.7380, 41.6276



32.2414, 28.7380, 28.2738



22.9878, 28.7380, 27.4889

Square

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



32.2414, 28.7380, 28.2738



26.2398, 28.7380, 19.7585



22.9172, 28.7380, 34.5151



28.4184, 28.7380, 46.6132

Rectangle

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



32.2414, 28.7380, 28.2738



29.5311, 28.7380, 20.5907



22.9172, 28.7380, 34.5151



25.2119, 28.7380, 45.1736

Sweetspot

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



32.2422, 28.7393, 28.2744



71.2742, 71.6728, 76.2890



34.6619, 29.5616, 47.5955



15.1306, 15.0801, 15.9728



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.



32.2422, 28.7393, 28.2744



54.2457, 46.2778, 43.9087



34.5910, 34.0080, 27.2969



8.5319, 8.5195, 9.0333



13.2324, 6.8105, 1.1179



0.4282, 0.2190, 0.0976

Inverse Universe

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



32.2422, 28.7393, 28.2744



54.2457, 46.2778, 43.9087



31.2674, 34.5941, 48.7458



8.5319, 8.5195, 9.0333



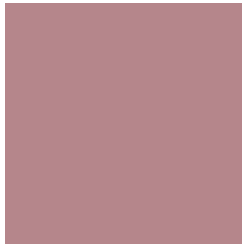
13.2324, 6.8105, 1.1179



0.4282, 0.2190, 0.0976

Previews

White Background



This preview shows how the XYZ color 32.2414, 28.7380, 28.2738 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 32.2414, 28.7380, 28.2738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

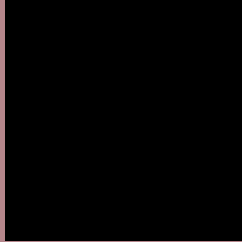
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2414, 28.7380, 28.2738

Background



This preview shows how black text looks on a background with the XYZ color 32.2414, 28.7380, 28.2738.



This preview shows how white text looks on a background with the XYZ color 32.2414, 28.7380,

28.2738.

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

32.2414, 28.7380, 28.2738

Protanopia

27.7841, 28.9917, 30.9196

Deuteranopia

29.4222, 28.7772, 28.0486



Tritanopia

32.7130, 28.7338, 30.2076

Trichromacy



Original Color

32.2414, 28.7380, 28.2738

Protanomaly

29.3289, 28.9062, 30.0203

Deuteranomaly

30.2535, 28.5580, 27.9625

Tritanomaly

32.5614, 28.6731, 29.4095

Monochromacy



Original Color

32.2414, 28.7380, 28.2738

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7820, 29.5679, 30.9256

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2414, 28.7380, 28.2738 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(181, 134, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 134, 139)  
}
```

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(181, 134, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 134, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.2414, 28.7380, 28.2738 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(181, 134, 139) }
```


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

```
.border{ border-color:rgb(181, 134, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 134, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 134, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 134, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 134,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2414, 28.7380, 28.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 134, 139) }
```

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

```
.background{ background-color: rgb(181,  
134, 139) }
```

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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