

Converting Colors

XYZ(32.0225, 28.4176, 28.0356)

Have a look what the booklet for
XYZ(32.0225, 28.4176, 28.0356)
contains.

XYZ(32.1038, 28.4629, 28.2279)	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(32.1038, 28.4629,
28.2279)**

Conversions

Conversions Part 1

Format	Color
Hex	B5858B
RGB	181, 133, 139
RGB Percent	71%, 52%, 55%
CMY	0.2902, 0.4784, 0.4549
CMYK	0.00, 0.27, 0.23, 0.29
HSL	353°, 24%, 62%
HSV	353°, 27%, 71%
XYZ	32.1038, 28.4629, 28.2279
YIQ	148.0360, 26.6820, 12.0420

Conversions

Conversions Part 2

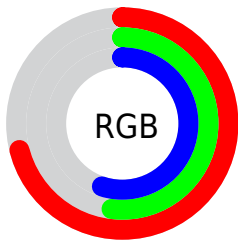
Format	Color
R_{YB}	181, 133, 139
Decimal	11896203
CIE _{Lab}	60.30, 19.31, 4.03
CIE _{LCh}	60, 19.728, 11.795
Yxy	28.4629, 0.3616, 0.3205
Android (android.graphics.Color)	4290086283 (0xFFB5858B)
YUV	148.0360, -4.4547, 28.9094
Hunter-Lab	53.3506, 14.0490, 5.9750

Details

The XYZ color **32.1038, 28.4629, 28.2279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.9358, 41.1302, 46.7099**, and the grayscale version is **28.1742, 29.6414, 32.2795**.

A 20% lighter version of the original color is **62.3332, 57.1007, 57.6054**, and **13.6488, 11.4198, 10.9361** is the 20% darker color. If you saturate the color by 10%, you get **28.7613, 23.4976, 21.8118**, and if you desaturate by 10%, it is **36.0425, 34.3519, 35.6707**.

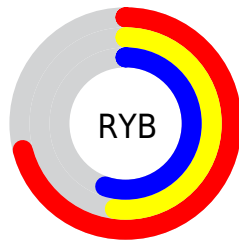
Distribution



Red (71%)

Green (52%)

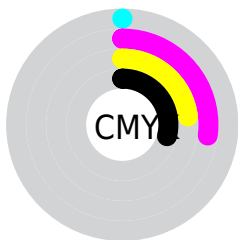
Blue (55%)



Red (71%)

Yellow (52%)

Blue (55%)

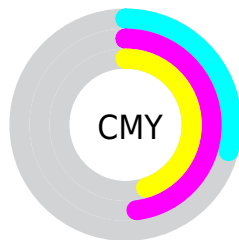


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1038, 28.4629, 28.2279 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 32.1038, 28.4629, 28.2279 by changing the saturation by 10% instead.

 32.1038, 28.4629,
28.2279


 32.1038, 28.4629,
28.2279

303.3287,
294.6723, 307.5004


 21.5967, 18.6749,
18.2570


 62.3379, 57.2226,
57.8756

 13.6758, 11.4356,
10.9633


 82.7956, 76.9632,
78.3894

 7.9757, 6.3606,
5.9283


 107.3009,
100.7900, 103.2546

 4.1311, 3.0656,
2.7334

136.2191,
129.0875, 132.8898

 1.7766, 1.1661,
0.9602

169.9157,
162.2401, 167.7134

 0.5035, 0.0337,
0.0000

208.7559,

 0.0000, 0.0000,

200.6321, 208.1440

0.0000

253.1051,
244.6481, 254.6002

■ 32.1038, 28.4629,
28.2279

■ 32.1038, 28.4629,
28.2279

■ 28.7613, 23.4976,
21.8118

■ 36.0425, 34.3519,
35.6707

■ 25.9837, 19.4055,
16.3754

■ 40.6023, 41.2040,
44.1807

■ 23.7402, 16.1370,
11.8710

■ 45.8092, 49.0611,
53.7984

■ 21.9961, 13.6361,
8.2458

■ 51.6873, 57.9615,
64.5617

■ 20.7127, 11.8400,
5.4420

■ 58.2593, 67.9415,
76.5066

■ 19.8452, 10.6755,
3.3944

■ 65.5469, 79.0355,
89.6676

■ 19.3358, 10.0451,
2.0266

■ 72.0514, 88.2379,
103.5714

■ 19.2070, 9.8841,
1.6859

■ 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.



31.9461, 28.4629, 35.5544



32.1038, 28.4629, 28.2279



30.8473, 28.4629, 22.5971

Triad

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



32.1038, 28.4629, 28.2279



23.9367, 28.4629, 21.7157



25.5605, 28.4629, 46.2117

Complementary

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



32.1038, 28.4629, 28.2279



33.9358, 41.1302, 46.7099

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.



23.5836, 28.4629, 41.2427



32.1038, 28.4629, 28.2279



22.6872, 28.4629, 26.8363

Square

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



32.1038, 28.4629, 28.2279



26.0702, 28.4629, 19.2489



22.5621, 28.4629, 33.9293



28.0605, 28.4629, 46.7403

Rectangle

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



32.1038, 28.4629, 28.2279



29.4198, 28.4629, 20.2568



22.5621, 28.4629, 33.9293



24.8169, 28.4629, 44.9730

Sweetspot

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



32.1046, 28.4642, 28.2285



71.3199, 71.6911, 76.5298



34.3185, 29.1804, 47.5399



15.1420, 15.0847, 16.0333



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.



32.1046, 28.4642, 28.2285



53.7709, 45.4335, 43.4259



34.2929, 33.5231, 26.8551



8.5381, 8.5220, 9.0663



13.2554, 6.8197, 1.2390



0.4308, 0.2201, 0.1113

Inverse Universe

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



32.1046, 28.4642, 28.2285



53.7709, 45.4335, 43.4259



31.1828, 34.6605, 48.7630



8.5381, 8.5220, 9.0663



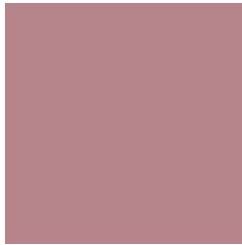
13.2554, 6.8197, 1.2390



0.4308, 0.2201, 0.1113

Previews

White Background



This preview shows how the XYZ color 32.1038, 28.4629, 28.2279 looks on a white background.

Color Contrast Check

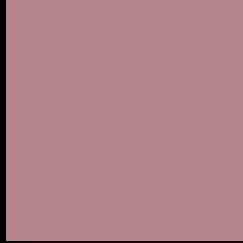
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1038, 28.4629, 28.2279 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 32.1038, 28.4629, 28.2279

Background



This preview shows how black text looks on a background with the XYZ color 32.1038, 28.4629, 28.2279.



This preview shows how white text looks on a background with the XYZ color 32.1038, 28.4629,

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

32.1038, 28.4629, 28.2279

Protanopia

27.5264, 28.6220, 31.2679

Deuteranopia

29.2166, 28.6713, 28.0390



Tritanopia

32.2652, 28.3095, 29.7503

Trichromacy



Original Color

32.1038, 28.4629, 28.2279

Protanomaly

28.9800, 28.5065, 29.9615

Deuteranomaly

30.2535, 28.5580, 27.9625

Tritanomaly

32.1898, 28.2793, 29.3530

Monochromacy



Original Color

32.1038, 28.4629, 28.2279

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

29.4305, 29.1628, 30.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1038, 28.4629, 28.2279 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, 133, 139)` looks like.

```
.text, #text, p{  
    color:rgb(181, 133, 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, 133, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 133, 139) }
```

Border

The CSS property to change the border of an element to XYZ 32.1038, 28.4629, 28.2279 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, 133, 139) }
```


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

```
.border{ border-color:rgb(181, 133, 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, 133, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 133, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 133, 139);  
box-shadow:4px 4px 4px 4px rgb(181, 133,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1038, 28.4629, 28.2279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 133, 139) }
```

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

```
.background{ background-color: rgb(181,  
133, 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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