

Converting Colors

XYZ(32.1655, 28.9306, 27.1832)

Have a look what the booklet for
XYZ(32.1655, 28.9306, 27.1832)
contains.

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Color

**XYZ(32.1640, 28.9293,
27.1812)**

Conversions

Conversions Part 1

Format	Color
Hex	B58788
RGB	181, 135, 136
RGB Percent	71%, 53%, 53%
CMY	0.2902, 0.4706, 0.4667
CMYK	0.00, 0.25, 0.25, 0.29
HSL	359°, 24%, 62%
HSV	359°, 25%, 71%
XYZ	32.1640, 28.9293, 27.1812
YIQ	148.8680, 27.0950, 10.0630

Conversions

Conversions Part 2

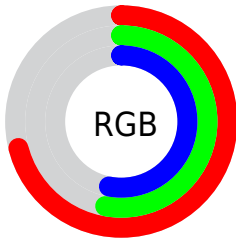
Format	Color
RYB	181, 135, 136
Decimal	11896712
CIELab	60.72, 17.74, 6.34
CIELCh	61, 18.842, 19.673
Yxy	28.9293, 0.3644, 0.3277
Android (android.graphics.Color)	4290086792 (0xFFB58788)
YUV	148.8680, -6.3439, 28.1798
Hunter-Lab	53.7860, 12.6175, 7.6875

Details

The XYZ color **32.1640, 28.9293, 27.1812** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **34.7550, 41.4947, 49.3598**, and the grayscale version is **28.5301, 30.0159, 32.6873**.

A 20% lighter version of the original color is **62.4284, 57.8177, 56.0137**, and **13.6806, 11.6809, 10.3377** is the 20% darker color. If you saturate the color by 10%, you get **28.6938, 23.8391, 20.3200**, and if you desaturate by 10%, it is **36.2731, 34.9640, 35.2818**.

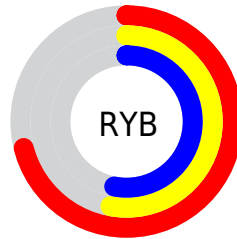
Distribution



Red (71%)

Green (53%)

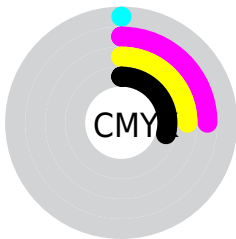
Blue (53%)



Red (71%)

Yellow (53%)

Blue (53%)

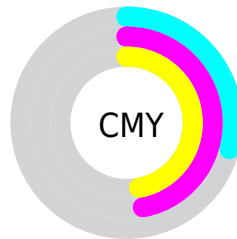


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.1640, 28.9293, 27.1812 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 32.1640, 28.9293, 27.1812 by changing the saturation by 10% instead.


 32.1640, 28.9293,
27.1812


 32.1640, 28.9293,
27.1812


303.5977,
296.8812, 302.3213


 21.6429, 19.0273,
17.4757


 62.4316, 57.9647,
56.1818

 13.7099, 11.6900,
10.4087


 82.9088, 77.8670,
76.3139

 7.9995, 6.5330,
5.5616

 107.4354,
101.8715, 100.7587

 4.1465, 3.1718,
2.5160

136.3769,
130.3626, 129.9347

 1.7853, 1.2221,
0.8486

170.0985,
163.7248, 164.2604

 0.5088, 0.0796,
0.0000

208.9656,

 0.0000, 0.0000,

202.3423, 204.1544

0.0000

253.3435,
246.5997, 250.0352

■ 32.1640, 28.9293,
27.1812

■ 32.1640, 28.9293,
27.1812

■ 28.6938, 23.8391,
20.3200

■ 36.2731, 34.9640,
35.2818

■ 25.8282, 19.6420,
14.6355

■ 41.0483, 41.9832,
44.6768

■ 23.5333, 16.2875,
10.0622

■ 46.5183, 50.0298,
55.4201

■ 21.7709, 13.7188,
6.5273

■ 52.7093, 59.1427,
67.5620

■ 20.4982, 11.8720,
3.9495

■ 59.6461, 69.3588,
81.1501

■ 19.6658, 10.6731,
2.2354

■ 67.3525, 80.7134,
96.2299

■ 19.2129, 10.0307,
1.2728

■ 72.8662, 88.5638,
107.8618

■ 19.0777, 9.8324,
1.0049

Harmonies

Analogous

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



32.3846, 28.9293, 33.9743



32.1640, 28.9293, 27.1812



30.6517, 28.9293, 22.3109

Triad

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



32.1640, 28.9293, 27.1812



24.0665, 28.9293, 23.5662



26.6624, 28.9293, 46.6847

Complementary

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



32.1640, 28.9293, 27.1812



34.7550, 41.4947, 49.3598

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.



24.5655, 28.9293, 42.9162



32.1640, 28.9293, 27.1812



23.1267, 28.9293, 29.1471

Square

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



32.1640, 28.9293, 27.1812



25.9442, 28.9293, 20.4479



23.3038, 28.9293, 36.2516



29.1093, 28.9293, 45.9506

Rectangle

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



32.1640, 28.9293, 27.1812



29.1617, 28.9293, 20.4873



23.3038, 28.9293, 36.2516



25.8958, 28.9293, 45.8831

Sweetspot

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



32.1648, 28.9306, 27.1818



71.0674, 71.5901, 75.2002



35.7038, 30.3049, 47.6840



15.0787, 15.0593, 15.6998



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.



32.1648, 28.9306, 27.1818



54.3034, 46.9677, 42.1572



35.3971, 35.5080, 27.9115



8.5036, 8.5081, 8.8843



13.1550, 6.7796, 0.7104



0.4164, 0.2143, 0.0353

Inverse Universe

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



32.1648, 28.9306, 27.1818



54.3034, 46.9677, 42.1572



30.8234, 33.4684, 48.5518



8.5036, 8.5081, 8.8843



13.1550, 6.7796, 0.7104



0.4164, 0.2143, 0.0353

Previews

White Background



This preview shows how the XYZ color 32.1640, 28.9293, 27.1812 looks on a white background.

Color Contrast Check

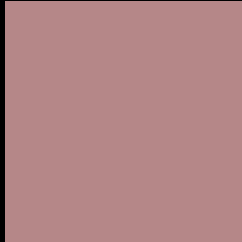
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1640, 28.9293, 27.1812 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 32.1640, 28.9293, 27.1812

Background



This preview shows how black text looks on a background with the XYZ color 32.1640, 28.9293, 27.1812.



This preview shows how white text looks on a background with the XYZ color 32.1640, 28.9293,

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

32.1640, 28.9293, 27.1812

Protanopia

27.7390, 28.9948, 29.7257

Deuteranopia

29.5632, 29.0946, 26.9793



Tritanopia

32.8505, 29.0089, 30.2534

Trichromacy



Original Color

32.1640, 28.9293, 27.1812

Protanomaly

29.1046, 28.8165, 28.8391

Deuteranomaly

30.4004, 28.8724, 26.8923

Tritanomaly

32.6242, 28.9184, 29.0616

Monochromacy



Original Color

32.1640, 28.9293, 27.1812

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.7052, 29.5372, 30.5212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1640, 28.9293, 27.1812 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, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 136)  
}
```

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, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 136) }
```

Border

The CSS property to change the border of an element to XYZ 32.1640, 28.9293, 27.1812 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, 135, 136) }
```


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

```
.border{ border-color:rgb(181, 135, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1640, 28.9293, 27.1812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 136) }
```

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

```
.background{ background-color: rgb(181,  
135, 136) }
```

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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