

Converting Colors

XYZ(32.7799, 29.2302, 27.9591)

Have a look what the booklet for
XYZ(32.7799, 29.2302, 27.9591)
contains.

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Color

**XYZ(32.7799, 29.2302,
27.9591)**

Conversions

Conversions Part 1

Format	Color
Hex	B7878A
RGB	183, 135, 138
RGB Percent	72%, 53%, 54%
CMY	0.2824, 0.4706, 0.4588
CMYK	0.00, 0.26, 0.25, 0.28
HSL	356°, 25%, 62%
HSV	356°, 26%, 72%
XYZ	32.7799, 29.2302, 27.9591
YIQ	149.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

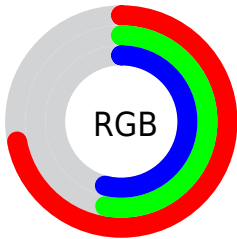
Format	Color
R_{YB}	183, 135, 138
Decimal	12027786
CIE Lab	60.98, 18.81, 5.61
CIE LCh	61, 19.629, 16.608
Yxy	29.2302, 0.3643, 0.3249
Android (android.graphics.Color)	4290217866 (0xFFB7878A)
YUV	149.6940, -5.7651, 29.2094
Hunter-Lab	54.0650, 13.6119, 7.1843

Details

The XYZ color **32.7799, 29.2302, 27.9591** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1646, 42.3139, 49.4962**, and the grayscale version is **28.8759, 30.3797, 33.0835**.

A 20% lighter version of the original color is **63.5367, 58.6820, 57.2682**, and **14.0632, 11.8687, 10.7822** is the 20% darker color. If you saturate the color by 10%, you get **29.2971, 24.0978, 21.1461**, and if you desaturate by 10%, it is **36.8994, 35.3215, 35.9532**.

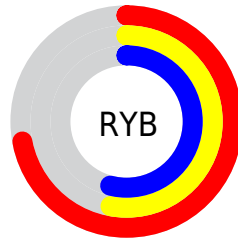
Distribution



Red (72%)

Green (53%)

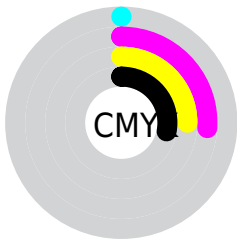
Blue (54%)



Red (72%)

Yellow (53%)

Blue (54%)

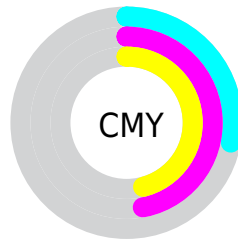


Cyan (0%)

Magenta (26%)

Yellow (25%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7799, 29.2302, 27.9591 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 32.7799, 29.2302, 27.9591 by changing the saturation by 10% instead.

 32.7799, 29.2302,
27.9591


 32.7799, 29.2302,
27.9591


306.3393,
298.2996, 306.1772


 22.1163, 19.2550,
18.0561


 63.3887, 58.4426,
57.4415

 14.0595, 11.8547,
10.8204


 84.0647, 78.4487,
77.8578

 8.2440, 6.6448,
5.8335

 108.8088,
102.5671, 102.6158

 4.3046, 3.2410,
2.6770

137.9864,
131.1824, 132.1337

 1.8759, 1.2588,
0.9318

171.9630,
164.6789, 166.8303

 0.5627, 0.1090,
0.0000

211.1037,

 0.0000, 0.0000,

203.4410, 207.1241

0.0000

255.7741,
247.8531, 253.4335

■ 32.7799, 29.2302,
27.9591

■ 32.7799, 29.2302,
27.9591

■ 29.2971, 24.0978,
21.1461

■ 36.8994, 35.3215,
35.9532

■ 26.4170, 19.8717,
15.4565

■ 41.6828, 42.4128,
45.1787

■ 24.1060, 16.5004,
10.8305

■ 47.1582, 50.5477,
55.6853

■ 22.3263, 13.9256,
7.2020

■ 53.3518, 59.7660,
67.5194

■ 21.0356, 12.0819,
4.4974

■ 60.2883, 70.1054,
80.7250

■ 20.1848, 10.8931,
2.6332

■ 67.9911, 81.6018,
95.3441

■ 19.7119, 10.2606,
1.5095

■ 73.3386, 88.8073,
107.8839

■ 19.5915, 10.0925,
1.2451

Harmonies

Analogous

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



32.8599, 29.2302, 35.2103



32.7799, 29.2302, 27.9591



31.3090, 29.2302, 22.6293

Triad

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



32.7799, 29.2302, 27.9591



24.3515, 29.2302, 23.0786



26.6561, 29.2302, 47.6336

Complementary

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



32.7799, 29.2302, 27.9591



35.1646, 42.3139, 49.4962

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.



24.5312, 29.2302, 43.2294



32.7799, 29.2302, 27.9591



23.2569, 29.2302, 28.6671

Square

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



32.7799, 29.2302, 27.9591



26.3969, 29.2302, 20.1228



23.3206, 29.2302, 36.0355



29.2156, 29.2302, 47.3657

Rectangle

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



32.7799, 29.2302, 27.9591



29.7862, 29.2302, 20.5467



23.3206, 29.2302, 36.0355



25.8706, 29.2302, 46.6247

Sweetspot

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



32.7807, 29.2316, 27.9597



72.9267, 73.3991, 77.5921



35.9880, 30.4275, 48.7764



15.8128, 15.7748, 16.5705



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.



32.7807, 29.2316, 27.9597



55.2738, 47.2858, 43.3688



35.7575, 35.5275, 27.8962



9.0267, 9.0211, 9.4882



13.6766, 7.0444, 0.9177



0.4899, 0.2514, 0.0730

Inverse Universe

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



32.7807, 29.2316, 27.9597



55.2738, 47.2858, 43.3688



31.4957, 34.4822, 49.7958



9.0267, 9.0211, 9.4882



13.6766, 7.0444, 0.9177



0.4899, 0.2514, 0.0730

Previews

White Background



This preview shows how the XYZ color 32.7799, 29.2302, 27.9591 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 32.7799, 29.2302, 27.9591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

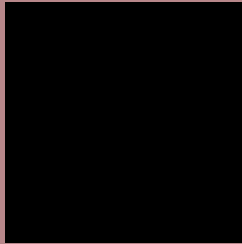
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7799, 29.2302, 27.9591

Background



This preview shows how black text looks on a background with the XYZ color 32.7799, 29.2302, 27.9591.



This preview shows how white text looks on a background with the XYZ color 32.7799, 29.2302,

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

32.7799, 29.2302, 27.9591

Protanopia

28.2303, 29.4604, 30.5841

Deuteranopia

29.9142, 29.2591, 27.7378



Tritanopia

33.3263, 29.2542, 30.2757

Trichromacy



Original Color

32.7799, 29.2302, 27.9591

Protanomaly

29.8092, 29.3844, 29.6918

Deuteranomaly

30.7612, 29.0420, 27.6513

Tritanomaly

33.1747, 29.1935, 29.4776

Monochromacy



Original Color

32.7799, 29.2302, 27.9591

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.2140, 30.0075, 31.3937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7799, 29.2302, 27.9591 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(183, 135, 138)` looks like.

```
.text, #text, p{  
    color:rgb(183, 135, 138)  
}
```

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(183, 135, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 135, 138) }
```

Border

The CSS property to change the border of an element to XYZ 32.7799, 29.2302, 27.9591 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(183, 135, 138) }
```


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

```
.border{ border-color:rgb(183, 135, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 135, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 135, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 135, 138);  
box-shadow:4px 4px 4px 4px rgb(183, 135,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7799, 29.2302, 27.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 135, 138) }
```

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

```
.background{ background-color: rgb(183,  
135, 138) }
```

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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