

Converting Colors

XYZ(27.9780, 26.3947, 51.8509)

Have a look what the booklet for
XYZ(27.9780, 26.3947, 51.8509)
contains.

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Color

**XYZ(27.9811, 26.4333,
51.7715)**

Conversions

Conversions Part 1

Format	Color
Hex	8788BD
RGB	135, 136, 189
RGB Percent	53%, 53%, 74%
CMY	0.4706, 0.4667, 0.2588
CMYK	0.29, 0.28, 0.00, 0.26
HSL	239°, 29%, 64%
HSV	239°, 29%, 74%
XYZ	27.9811, 26.4333, 51.7715
YIQ	141.7430, -17.6090, 16.2710

Conversions

Conversions Part 2

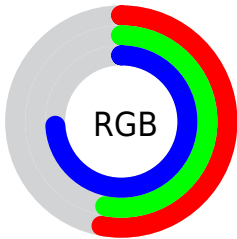
Format	Color
RYB	135, 136, 189
Decimal	8882365
CIELab	58.45, 11.73, -27.75
CIELCh	58, 30.124, 292.916
Yxy	26.4333, 0.2635, 0.2489
Android (android.graphics.Color)	4287072445 (0xFF8788BD)
YUV	141.7430, 23.2977, -5.9136
Hunter-Lab	51.4133, 7.1732, -23.7137

Details

The XYZ color **27.9811, 26.4333, 51.7715** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.3431, 48.5349, 30.0063**, and the grayscale version is **25.5263, 26.8556, 29.2458**.

A 20% lighter version of the original color is **55.6653, 53.8066, 93.8380**, and **11.3571, 10.2897, 24.3092** is the 20% darker color. If you saturate the color by 10%, you get **22.8156, 20.2225, 50.8454**, and if you desaturate by 10%, it is **34.1403, 33.8287, 52.8748**.

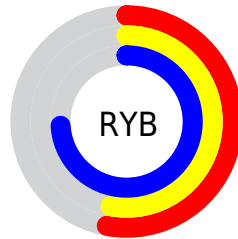
Distribution



Red (53%)

Green (53%)

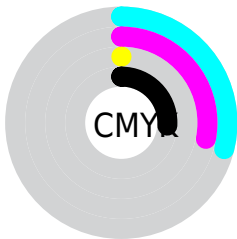
Blue (74%)



Red (53%)

Yellow (53%)

Blue (74%)

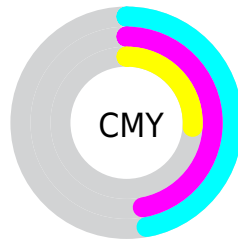


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9811, 26.4333, 51.7715 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 27.9811, 26.4333, 51.7715 by changing the saturation by 10% instead.

■ 27.9811, 26.4333,
51.7715

■ 27.9811, 26.4333,
51.7715

284.4583,
284.9027, 410.4857

■ 18.4518, 17.1481,
36.4420

■ 55.8631, 53.9731,
94.2173

■ 11.3765, 10.3401,
24.4834

■ 74.9465, 72.9966,
122.1707

■ 6.3898, 5.6250,
15.4771

■ 97.9454, 96.0348,
155.1691

■ 3.1264, 2.6185,
9.0045

125.2250,
123.4723, 193.6311

■ 1.2210, 0.9360,
4.6473

157.1507,
155.6935, 237.9752

■ 0.1228, 0.0000,
1.9868

194.0880,

■ 0.0000, 0.0000,

193.0826, 288.6200

0.5471

236.4020,
236.0243, 345.9839

■ 0.0000, 0.0000,
0.0000

■ 27.9811, 26.4333,
51.7715

■ 27.9811, 26.4333,
51.7715

■ 22.8156, 20.2225,
50.8454

■ 34.1403, 33.8287,
52.8748

■ 18.5894, 15.1320,
50.0856

■ 41.3386, 42.4624,
54.1619

■ 15.2467, 11.0958,
49.4827

■ 49.6218, 52.3887,
55.6413

■ 12.7249, 8.0402,
49.0258

■ 59.0323, 63.6576,
57.3204

■ 10.9532, 5.8816,
48.7026

■ 69.6100, 76.3167,
59.2063

■ 9.8489, 4.5229,
48.4985

■ 81.3931, 90.4109,
61.3058

■ 9.2860, 3.8252,
48.3935

■ 86.1854, 96.4542,
62.2196

■ 9.2234, 3.7502,
48.3823

Harmonies

Analogous

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



24.2615, 26.4333, 53.9377



27.9811, 26.4333, 51.7715



31.2019, 26.4333, 42.8110

Triad

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



27.9811, 26.4333, 51.7715



29.6366, 26.4333, 15.4534



18.7363, 26.4333, 26.3539

Complementary

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



27.9811, 26.4333, 51.7715



43.3431, 48.5349, 30.0063

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.



19.8916, 26.4333, 18.2100



27.9811, 26.4333, 51.7715



26.0068, 26.4333, 12.9919

Square

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



27.9811, 26.4333, 51.7715



32.2210, 26.4333, 21.5900



22.4684, 26.4333, 13.8606



19.1542, 26.4333, 37.4148

Rectangle

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



27.9811, 26.4333, 51.7715



32.5125, 26.4333, 35.1543



22.4684, 26.4333, 13.8606



18.9494, 26.4333, 23.2293

Sweetspot

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



27.9820, 26.4343, 51.7721



73.2457, 75.1011, 96.8617



37.1810, 45.1431, 53.8804



15.3249, 15.6391, 20.7535



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.



27.9820, 26.4343, 51.7721



44.3803, 40.4501, 91.6948



32.3872, 28.4971, 51.9381



9.0303, 9.2529, 11.9822



6.2120, 2.5357, 32.5549



0.2482, 0.1091, 1.2768

Inverse Universe

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



34.0949, 29.9252, 27.2727



57.0515, 47.7135, 40.9047



37.8400, 46.0163, 29.8102



9.5371, 9.5392, 9.9516



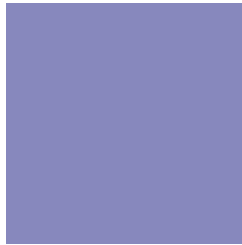
14.1363, 7.2857, 0.7453



0.5562, 0.2864, 0.0422

Previews

White Background



This preview shows how the XYZ color 27.9811, 26.4333, 51.7715 looks on a white background.

Color Contrast Check

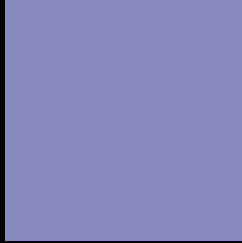
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9811, 26.4333, 51.7715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

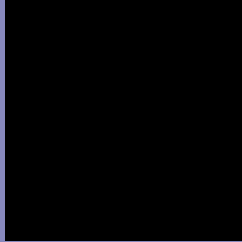
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9811, 26.4333, 51.7715

Background



This preview shows how black text looks on a background with the XYZ color 27.9811, 26.4333, 51.7715.



This preview shows how white text looks on a background with the XYZ color 27.9811, 26.4333,

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

27.9811, 26.4333, 51.7715

Protanopia

27.0940, 26.5868, 52.9940

Deuteranopia

27.0262, 26.3631, 51.8083



Tritanopia

24.5573, 26.5672, 34.4055

Trichromacy



Original Color

27.9811, 26.4333, 51.7715

Protanomaly

27.4360, 26.5618, 52.3961

Deuteranomaly

27.3369, 26.3113, 51.7819

Tritanomaly

25.7132, 26.3715, 40.2942

Monochromacy



Original Color

27.9811, 26.4333, 51.7715

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.2836, 26.7483, 36.5785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9811, 26.4333, 51.7715 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(135, 136, 189)` looks like.

```
.text, #text, p{  
    color:rgb(135, 136, 189)  
}
```

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(135, 136, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 136, 189) }
```

Border

The CSS property to change the border of an element to XYZ 27.9811, 26.4333, 51.7715 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(135, 136, 189) }
```


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

```
.border{ border-color:rgb(135, 136, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 136, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 136, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 136, 189);  
box-shadow:4px 4px 4px 4px rgb(135, 136,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9811, 26.4333, 51.7715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 136, 189) }
```

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

```
.background{ background-color: rgb(135,  
136, 189) }
```

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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