

Converting Colors

XYZ(31.2794, 26.3269, 41.1849)

Have a look what the booklet for
XYZ(31.2794, 26.3269, 41.1849)
contains.

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Color

**XYZ(31.1999, 26.3323,
40.9744)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7EA9
RGB	170, 126, 169
RGB Percent	67%, 49%, 66%
CMY	0.3333, 0.5059, 0.3373
CMYK	0.00, 0.26, 0.01, 0.33
HSL	301°, 21%, 58%
HSV	301°, 26%, 67%
XYZ	31.1999, 26.3323, 40.9744
YIQ	144.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

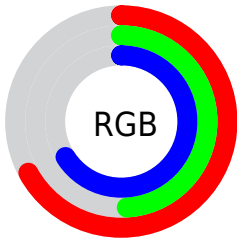
Format	Color
R_{YB}	170, 126, 169
Decimal	11173545
CIE _{Lab}	58.35, 24.43, -16.20
CIE _{LCh}	58, 29.317, 326.451
Yxy	26.3323, 0.3167, 0.2673
Android (android.graphics.Color)	4289363625 (0xFFAA7EA9)
YUV	144.0580, 12.2964, 22.7511
Hunter-Lab	51.3150, 18.7280, -11.4218

Details

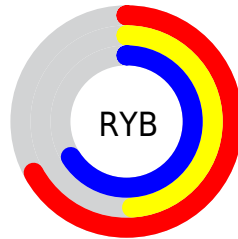
The XYZ color **31.1999, 26.3323, 40.9744** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.8108, 34.7183, 25.3683**, and the grayscale version is **26.4818, 27.8609, 30.3405**.

A 20% lighter version of the original color is **60.9387, 53.7908, 77.6918**, and **13.1314, 10.2351, 18.1131** is the 20% darker color. If you saturate the color by 10%, you get **29.1722, 22.3343, 40.1200**, and if you desaturate by 10%, it is **33.5988, 31.0714, 41.9537**.

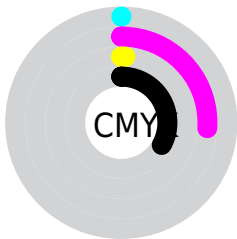
Distribution



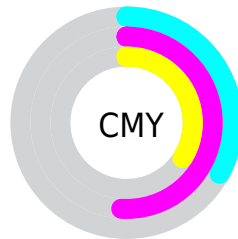
- Red (67%)
- Green (49%)
- Blue (66%)



- Red (67%)
- Yellow (49%)
- Blue (66%)



- Cyan (0%)
- Magenta (26%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1999, 26.3323, 40.9744 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 31.1999, 26.3323, 40.9744 by changing the saturation by 10% instead.

■ 31.1999, 26.3323,
40.9744

■ 31.1999, 26.3323,
40.9744

299.2687,
284.4095, 365.8871

■ 20.9037, 17.0724,
27.9795

■ 60.9284, 53.8105,
77.8983

■ 13.1657, 10.2861,
18.0713

■ 81.0913, 72.7977,
102.6644

■ 7.6205, 5.5891,
10.8312

■ 105.2739, 95.7960,
132.1913

■ 3.9029, 2.5969,
5.8407

133.8415,
123.1899, 166.8976

■ 1.6473, 0.9251,
2.6813

167.1594,
155.3639, 207.2017

■ 0.4230, 0.0000,
0.9340

205.5930,

■ 0.0000, 0.0000,

192.7022, 253.5224

0.0000

249.5076,
235.5893, 306.2780

■ 31.1999, 26.3323,
40.9744

■ 31.1999, 26.3323,
40.9744

■ 29.1722, 22.3343,
40.1200

■ 33.5988, 31.0714,
41.9537

■ 27.4944, 19.0367,
39.3824

■ 36.3837, 36.5829,
43.0619

■ 26.1473, 16.4000,
38.7556

■ 39.5717, 42.9005,
44.3049

■ 25.1082, 14.3795,
38.2320

■ 43.1782, 50.0547,
45.6880

■ 24.3522, 12.9248,
37.8033

■ 47.2176, 58.0747,
47.2160

■ 23.8502, 11.9778,
37.4598

■ 51.7038, 66.9880,
48.8934

■ 23.5639, 11.4622,
37.1887

■ 56.6500, 76.8212,
50.7246

■ 23.4732, 11.3044,
37.0863

■ 59.7933, 83.0484,
51.9555

■ 59.8305, 83.0633,
52.1515

Harmonies

Analogous

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



28.2139, 26.3323, 50.1353



31.1999, 26.3323, 40.9744



32.5284, 26.3323, 29.9064

Triad

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



31.1999, 26.3323, 40.9744



25.4556, 26.3323, 13.1786



19.3685, 26.3323, 38.3564

Complementary

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



31.1999, 26.3323, 40.9744



26.8108, 34.7183, 25.3683

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.



18.7796, 26.3323, 27.4709



31.1999, 26.3323, 40.9744



22.0916, 26.3323, 14.4196

Square

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



31.1999, 26.3323, 40.9744



29.0191, 26.3323, 15.2035



19.7291, 26.3323, 19.1164



21.4208, 26.3323, 48.3886

Rectangle

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



31.1999, 26.3323, 40.9744



32.2102, 26.3323, 23.4537



19.7291, 26.3323, 19.1164



19.0017, 26.3323, 34.6107

Sweetspot

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



31.2007, 26.3335, 40.9750



64.8061, 63.9844, 77.6534



23.4304, 22.3168, 41.1036



14.2809, 13.9300, 17.2492



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.2007, 26.3335, 40.9750



54.4382, 43.4959, 73.4352



29.3268, 25.5839, 31.1072



7.8344, 7.6636, 9.4453



17.2698, 8.3166, 27.2961



0.4224, 0.2032, 0.6758

Inverse Universe

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



31.2007, 26.3335, 40.9750



54.4382, 43.4959, 73.4352



28.3835, 35.3474, 33.6501



7.8344, 7.6636, 9.4453



17.2698, 8.3166, 27.2961



0.4224, 0.2032, 0.6758

Previews

White Background



This preview shows how the XYZ color 31.1999, 26.3323, 40.9744 looks on a white background.

Color Contrast Check

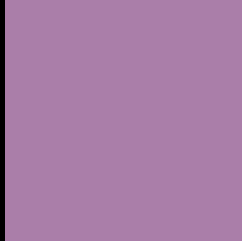
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1999, 26.3323, 40.9744 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 31.1999, 26.3323, 40.9744

Background



This preview shows how black text looks on a background with the XYZ color 31.1999, 26.3323, 40.9744.



This preview shows how white text looks on a background with the XYZ color 31.1999, 26.3323,

40.9744.

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

31.1999, 26.3323, 40.9744

Protanopia

26.6286, 26.5049, 45.8320

Deuteranopia

26.9052, 26.3441, 40.2261



Tritanopia

28.6499, 26.2627, 28.7585

Trichromacy



Original Color

31.1999, 26.3323, 40.9744

Protanomaly

27.9400, 26.1651, 44.1352

Deuteranomaly

28.4043, 26.2776, 40.6208

Tritanomaly

29.3725, 26.1504, 32.7776

Monochromacy



Original Color

31.1999, 26.3323, 40.9744

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8323, 26.9635, 33.8746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1999, 26.3323, 40.9744 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(170, 126, 169)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 169)  
}
```

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(170, 126, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 169) }
```

Border

The CSS property to change the border of an element to XYZ 31.1999, 26.3323, 40.9744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

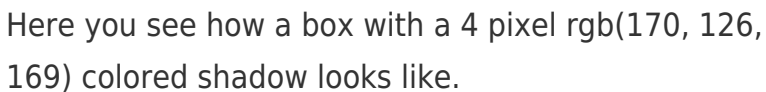
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 126, 169) }
```


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

```
.border{ border-color:rgb(170, 126, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 126, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 126, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 126, 169); box-shadow:4px 4px 4px 4px rgb(170, 126, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1999, 26.3323, 40.9744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 169) }
```

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

```
.background{ background-color: rgb(170,  
126, 169) }
```

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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