

Converting Colors

XYZ(32.0325, 27.8638, 29.5543)

Have a look what the booklet for
XYZ(32.0325, 27.8638, 29.5543)
contains.

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Color

**XYZ(31.9966, 27.7722,
29.6608)**

Conversions

Conversions Part 1

Format	Color
Hex	B5828F
RGB	181, 130, 143
RGB Percent	71%, 51%, 56%
CMY	0.2902, 0.4902, 0.4392
CMYK	0.00, 0.28, 0.21, 0.29
HSL	345°, 26%, 61%
HSV	345°, 28%, 71%
XYZ	31.9966, 27.7722, 29.6608
YIQ	146.7310, 26.2230, 14.8550

Conversions

Conversions Part 2

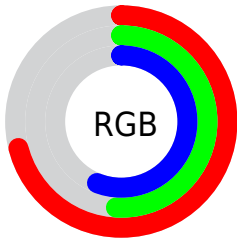
Format	Color
RYB	181, 130, 143
Decimal	11895439
CIELab	59.68, 21.61, 0.84
CIELCh	60, 21.622, 2.219
Yxy	27.7722, 0.3578, 0.3105
Android (android.graphics.Color)	4290085519 (0xFFB5828F)
YUV	146.7310, -1.8394, 30.0539
Hunter-Lab	52.6993, 16.1531, 3.5193

Details

The XYZ color **31.9966, 27.7722, 29.6608** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.7988, 40.6214, 43.1597**, and the grayscale version is **27.6225, 29.0611, 31.6475**.

A 20% lighter version of the original color is **62.2714, 56.0753, 60.3649**, and **13.5968, 11.0397, 11.7702** is the 20% darker color. If you saturate the color by 10%, you get **28.8365, 22.9898, 23.8660**, and if you desaturate by 10%, it is **35.7046, 33.4533, 36.2450**.

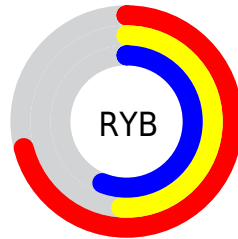
Distribution



Red (71%)

Green (51%)

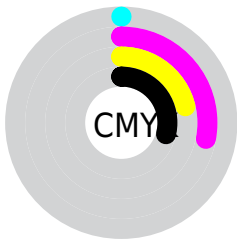
Blue (56%)



Red (71%)

Yellow (51%)

Blue (56%)

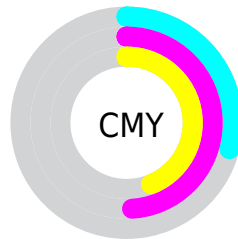


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9966, 27.7722, 29.6608 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 31.9966, 27.7722, 29.6608 by changing the saturation by 10% instead.


 31.9966, 27.7722,
29.6608


 31.9966, 27.7722,
29.6608


302.8493,
291.3768, 314.4781


 21.5144, 18.1540,
19.3314


 62.1710, 56.1205,
60.1800

 13.6152, 11.0606,
11.7308


 82.5939, 75.6195,
81.2069

 7.9334, 6.1076,
6.4403


 107.0612, 99.1808,
106.6366

 4.1038, 2.9106,
3.0415

135.9381,
127.1889, 136.8879

 1.7610, 1.0853,
1.1159

169.5900,
160.0281, 172.3791

 0.4940, 0.0000,
0.0000

208.3822,

 0.0000, 0.0000,

198.0829, 213.5288

0.0000

252.6802,
241.7377, 260.7557

■ 31.9966, 27.7722,
29.6608

■ 31.9966, 27.7722,
29.6608

■ 28.8365, 22.9898,
23.8660

■ 35.7046, 33.4533,
36.2450

■ 26.1954, 19.0561,
18.8286

■ 39.9830, 40.0721,
43.6454

■ 24.0454, 15.9221,
14.5170


■ 44.8555, 47.6697,
51.8896

■ 22.3547, 13.5323,
10.8965


■ 50.3440, 56.2840,
61.0036


■ 21.0878, 11.8240,
7.9293


■ 56.4694, 65.9505,
71.0121

 20.2034, 10.7238,
5.5737


 63.2513, 76.7033,
81.9386

 19.6378, 10.1138,
3.7778

 70.1624, 87.4823,
93.6241

 19.5518, 10.0221,
3.5020

 72.2127, 88.3024,
104.4210

 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



31.3181, 27.7722, 37.8006



31.9966, 27.7722, 29.6608



31.0909, 27.7722, 22.9118

Triad

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



31.9966, 27.7722, 29.6608



23.6959, 27.7722, 19.2212



24.0250, 27.7722, 45.5839

Complementary

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



31.9966, 27.7722, 29.6608



32.7988, 40.6214, 43.1597

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.



22.2004, 27.7722, 38.9828



31.9966, 27.7722, 29.6608



22.0198, 27.7722, 23.7600

Square

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



31.9966, 27.7722, 29.6608



26.1939, 27.7722, 17.5681



21.4914, 27.7722, 30.8251



26.6004, 27.7722, 47.8847

Rectangle

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



31.9966, 27.7722, 29.6608



29.7446, 27.7722, 19.8463



21.4914, 27.7722, 30.8251



23.3098, 27.7722, 43.7441

Sweetspot

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



31.9974, 27.7735, 29.6614



71.6418, 71.8198, 78.2247



32.3451, 27.5620, 47.3315



15.2230, 15.1170, 16.4595



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.



31.9974, 27.7735, 29.6614



53.5771, 44.0839, 46.3272



32.7444, 30.7530, 25.3308



8.5823, 8.5396, 9.2988



13.5030, 6.9187, 2.5426



0.4489, 0.2273, 0.2068

Inverse Universe

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



31.9974, 27.7735, 29.6614



53.5771, 44.0839, 46.3272



31.7540, 36.4960, 49.0871



8.5823, 8.5396, 9.2988



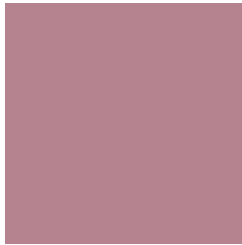
13.5030, 6.9187, 2.5426



0.4489, 0.2273, 0.2068

Previews

White Background



This preview shows how the XYZ color 31.9966, 27.7722, 29.6608 looks on a white background.

Color Contrast Check

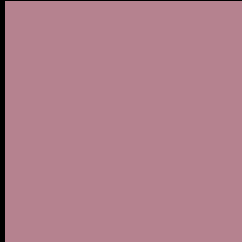
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9966, 27.7722, 29.6608 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 31.9966, 27.7722, 29.6608

Background



This preview shows how black text looks on a background with the XYZ color 31.9966, 27.7722, 29.6608.



This preview shows how white text looks on a background with the XYZ color 31.9966, 27.7722,

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

31.9966, 27.7722, 29.6608

Protanopia

27.0854, 27.8990, 33.2357

Deuteranopia

28.3384, 27.7593, 29.0638



Tritanopia

31.7723, 27.6825, 28.4796

Trichromacy



Original Color

31.9966, 27.7722, 29.6608

Protanomaly

28.5343, 27.5842, 31.8373

Deuteranomaly

29.6230, 27.7768, 29.3913

Tritanomaly

31.8464, 27.7121, 28.8698

Monochromacy



Original Color

31.9966, 27.7722, 29.6608

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.0113, 28.4960, 31.1653

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9966, 27.7722, 29.6608 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, 130, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 130, 143)  
}
```

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, 130, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 130, 143) }
```

Border

The CSS property to change the border of an element to XYZ 31.9966, 27.7722, 29.6608 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, 130, 143) }
```


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

```
.border{ border-color:rgb(181, 130, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 130, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 130, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 130, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 130,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9966, 27.7722, 29.6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 130, 143) }
```

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

```
.background{ background-color: rgb(181,  
130, 143) }
```

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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