

Converting Colors

XYZ(31.4975, 26.2710, 25.2405)

Have a look what the booklet for
XYZ(31.4975, 26.2710, 25.2405)
contains.

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Color

**XYZ(31.4975, 26.2710,
25.2405)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7B84
RGB	186, 123, 132
RGB Percent	73%, 48%, 52%
CMY	0.2706, 0.5176, 0.4823
CMYK	0.00, 0.34, 0.29, 0.27
HSL	351°, 31%, 61%
HSV	351°, 34%, 73%
XYZ	31.4975, 26.2710, 25.2405
YIQ	142.8630, 34.6590, 16.1550

Conversions

Conversions Part 2

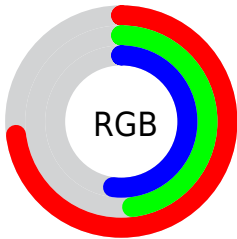
Format	Color
R_{YB}	186, 123, 132
Decimal	12221316
CIE _{Lab}	58.29, 25.78, 5.23
CIE _{LCh}	58, 26.301, 11.475
Yxy	26.2710, 0.3794, 0.3165
Android (android.graphics.Color)	4290411396 (0xFFBA7B84)
YUV	142.8630, -5.3555, 37.8311
Hunter-Lab	51.2552, 19.9956, 6.6815

Details

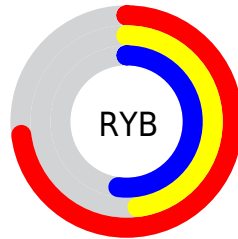
The XYZ color **31.4975, 26.2710, 25.2405** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.6643, 42.5036, 48.0269**, and the grayscale version is **26.0654, 27.4229, 29.8635**.

A 20% lighter version of the original color is **61.2444, 53.6081, 53.0184**, and **13.3039, 10.2149, 9.4541** is the 20% darker color. If you saturate the color by 10%, you get **28.3966, 21.6838, 19.2291**, and if you desaturate by 10%, it is **35.2050, 31.8042, 32.2774**.

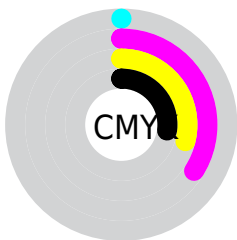
Distribution



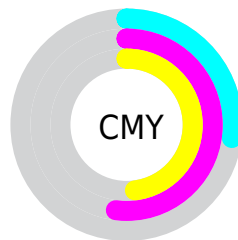
- Red (73%)
- Green (48%)
- Blue (52%)



- Red (73%)
- Yellow (48%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (27%)





- Cyan (27%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4975, 26.2710, 25.2405 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 31.4975, 26.2710, 25.2405 by changing the saturation by 10% instead.


 31.4975, 26.2710,
25.2405


 31.4975, 26.2710,
25.2405


300.6099,
284.1099, 292.5195


 21.1317, 17.0265,
16.0357

 61.3930, 53.7118,
53.0161

 13.3333, 10.2534,
9.3948


 81.6534, 72.6769,
72.4239

 7.7370, 5.5673,
4.8992


 105.9427, 95.6510,
96.0698

 3.9775, 2.5838,
2.1306

134.6262,
123.0184, 124.3723

 1.6894, 0.9185,
0.6339

168.0693,
155.1636, 157.7500

 0.4496, 0.0000,
0.0000

206.6374,

 0.0000, 0.0000,

192.4710, 196.6214

0.0000

250.6958,
235.3250, 241.4050

■ 31.4975, 26.2710,
25.2405

■ 31.4975, 26.2710,
25.2405

■ 28.3966, 21.6838,
19.2291

■ 35.2050, 31.8042,
32.2774

■ 25.8677, 17.9859,
14.1936

■ 39.5469, 38.3282,
40.3830

■ 23.8759, 15.1206,
10.0825

■ 44.5519, 45.8897,
49.6001

■ 22.3819, 13.0230,
6.8390

■ 50.2464, 54.5312,
59.9685

■ 21.3403, 11.6184,
4.4000

■ 56.6553, 64.2928,
71.5262

■ 20.6977, 10.8173,
2.6933

■ 63.8021, 75.2127,
84.3094

■ 20.4425, 10.5162,
1.9629

■ 71.7094, 87.3271,
98.3526

■ 74.0597, 89.1791,
107.9177

Harmonies

Analogous

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



31.2695, 26.2710, 34.5759



31.4975, 26.2710, 25.2405



29.8689, 26.2710, 18.4500

Triad

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



31.4975, 26.2710, 25.2405



21.1127, 26.2710, 17.3299



23.0657, 26.2710, 48.7754

Complementary

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



31.4975, 26.2710, 25.2405



33.6643, 42.5036, 48.0269

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.



20.6380, 26.2710, 41.9331



31.4975, 26.2710, 25.2405



19.5787, 26.2710, 23.3638

Square

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



31.4975, 26.2710, 25.2405



23.7657, 26.2710, 14.5785



19.4127, 26.2710, 32.2552



26.2139, 26.2710, 49.5801

Rectangle

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



31.4975, 26.2710, 25.2405



28.0245, 26.2710, 15.7485



19.4127, 26.2710, 32.2552



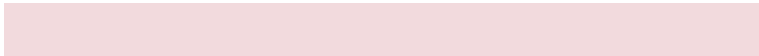
22.1455, 26.2710, 47.0465

Sweetspot

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



31.4982, 26.2723, 25.2410



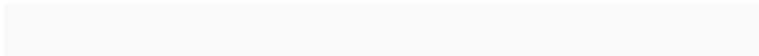
74.8975, 74.3236, 79.1438



33.9758, 27.0068, 49.8765



16.2191, 15.9530, 16.9219



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.



31.4982, 26.2723, 25.2410



52.6107, 40.9828, 37.0855



33.9587, 32.1364, 23.1537



9.0555, 9.0326, 9.6395



13.7703, 7.0819, 1.4110



0.5022, 0.2564, 0.1380

Inverse Universe

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



31.4982, 26.2723, 25.2410



52.6107, 40.9828, 37.0855



30.2989, 34.2902, 51.4761



9.0555, 9.0326, 9.6395



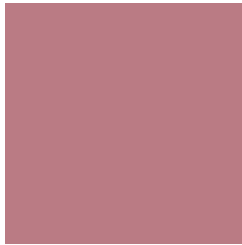
13.7703, 7.0819, 1.4110



0.5022, 0.2564, 0.1380

Previews

White Background



This preview shows how the XYZ color 31.4975, 26.2710, 25.2405 looks on a white background.

Color Contrast Check

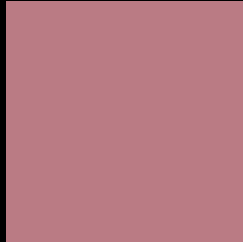
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4975, 26.2710, 25.2405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

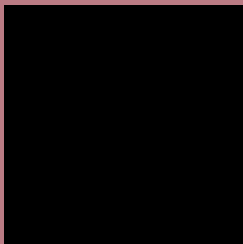
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4975, 26.2710, 25.2405

Background



This preview shows how black text looks on a background with the XYZ color 31.4975, 26.2710, 25.2405.



This preview shows how white text looks on a background with the XYZ color 31.4975, 26.2710,

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

31.4975, 26.2710, 25.2405

Protanopia

25.5135, 26.5189, 28.9733

Deuteranopia

26.9340, 26.4891, 24.8124



Tritanopia

31.4975, 26.2710, 25.2405

Trichromacy



Original Color

31.4975, 26.2710, 25.2405

Protanomaly

27.4106, 26.2561, 27.6680

Deuteranomaly

28.3615, 26.1961, 25.0343

Tritanomaly

31.4975, 26.2710, 25.2405

Monochromacy



Original Color

31.4975, 26.2710, 25.2405

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.7624, 26.8433, 28.1441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4975, 26.2710, 25.2405 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(186, 123, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 123, 132)  
}
```

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(186, 123, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 132) }
```

Border

The CSS property to change the border of an element to XYZ 31.4975, 26.2710, 25.2405 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(186, 123, 132) }
```


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

```
.border{ border-color:rgb(186, 123, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 123, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4975, 26.2710, 25.2405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 132) }
```

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

```
.background{ background-color: rgb(186,  
123, 132) }
```

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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