

Converting Colors

XYZ(31.4926, 26.0128, 29.8708)

Have a look what the booklet for
XYZ(31.4926, 26.0128, 29.8708)
contains.

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Color

**XYZ(31.5220, 26.0000,
29.7427)**

Conversions

Conversions Part 1	
Format	Color
Hex	B77A90
RGB	183, 122, 144
RGB Percent	72%, 48%, 56%
CMY	0.2824, 0.5215, 0.4353
CMYK	0.00, 0.33, 0.21, 0.28
HSL	338°, 30%, 60%
HSV	338°, 33%, 72%
XYZ	31.5220, 26.0000, 29.7427
YIQ	142.7470, 29.2940, 19.7740

Conversions

Conversions Part 2

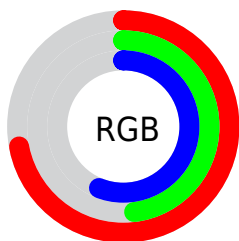
Format	Color
RYB	183, 122, 144
Decimal	12024464
CIELab	58.04, 26.97, -2.12
CIELCh	58, 27.053, 355.508
Yxy	26.0000, 0.3612, 0.2979
Android (android.graphics.Color)	4290214544 (0xFFB77A90)
YUV	142.7470, 0.6177, 35.3019
Hunter-Lab	50.9902, 21.1154, 1.1091

Details

The XYZ color **31.5220, 26.0000, 29.7427** is a light color, and the websafe version is hex **996666**. A complement of this color would be **31.3937, 40.5784, 39.8979**, and the grayscale version is **25.9977, 27.3516, 29.7859**.

A 20% lighter version of the original color is **61.4582, 53.2624, 60.4676**, and **13.3910, 10.1100, 11.8353** is the 20% darker color. If you saturate the color by 10%, you get **28.6346, 21.5828, 24.5943**, and if you desaturate by 10%, it is **34.9267, 31.3029, 35.5214**.

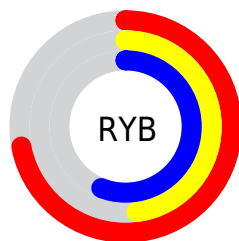
Distribution



Red (72%)

Green (48%)

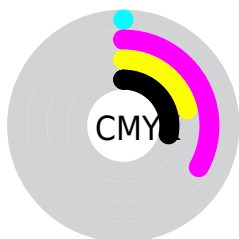
Blue (56%)



Red (72%)

Yellow (48%)

Blue (56%)

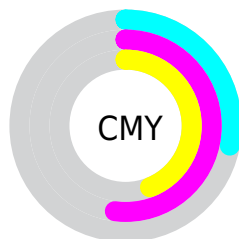


Cyan (0%)

Magenta (33%)

Yellow (21%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5220, 26.0000, 29.7427 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 31.5220, 26.0000, 29.7427 by changing the saturation by 10% instead.


 31.5220, 26.0000,
29.7427


 31.5220, 26.0000,
29.7427


300.7201,
282.7821, 314.8732

 21.1504, 16.8236,
19.3930

 61.4312, 53.2749,
60.3112

 13.3471, 10.1088,
11.7749


 81.6996, 72.1423,
81.3671

 7.7466, 5.4712,
6.4699


 105.9977, 95.0088,
106.8288

 3.9837, 2.5263,
3.0595

134.6907,
122.2589, 137.1148

 1.6929, 0.8898,
1.1251

168.1441,
154.2768, 172.6437

 0.4518, 0.0000,
0.0000


206.7233,


 0.0000, 0.0000,


191.4471, 213.8341


0.0000


250.7935,
234.1540, 261.1044


 31.5220, 26.0000,
29.7427

 31.5220, 26.0000,
29.7427


 28.6346, 21.5828,
24.5943


 34.9267, 31.3029,
35.5214


 26.2356, 17.9989,
20.0520


 38.8711, 37.5328,
41.9504


 24.2968, 15.1960,
16.0920


 43.3790, 44.7329,
49.0505


 22.7856, 13.1144,
12.6881


 48.4719, 52.9424,
56.8412


 21.6652, 11.6854,
9.8119


 54.1705, 62.1985,
65.3412


 20.8917, 10.8269,
7.4314

 60.4941, 72.5363,
74.5683

 20.5117, 10.4606,
6.0912

 67.4613, 83.9896,
84.5398

 70.6633, 87.7372,
93.7968

 72.4354, 88.4461,
103.1280

Harmonies

Analogous

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



30.2624, 26.0000, 39.7743



31.5220, 26.0000, 29.7427



30.8293, 26.0000, 21.2444

Triad

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



31.5220, 26.0000, 29.7427



22.1034, 26.0000, 14.9742



21.3214, 26.0000, 45.8865

Complementary

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



31.5220, 26.0000, 29.7427



31.3937, 40.5784, 39.8979

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.



19.4630, 26.0000, 36.7895



31.5220, 26.0000, 29.7427



19.8858, 26.0000, 19.2914

Square

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



31.5220, 26.0000, 29.7427



25.2077, 26.0000, 13.8901



18.9614, 26.0000, 26.9233



24.2233, 26.0000, 50.3112

Rectangle

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



31.5220, 26.0000, 29.7427



29.3834, 26.0000, 17.3133



18.9614, 26.0000, 26.9233



20.5644, 26.0000, 43.1880

Sweetspot

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



31.5227, 26.0012, 29.7432



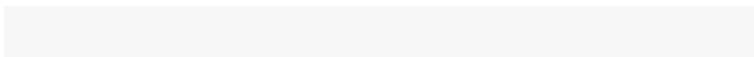
72.0621, 71.1112, 79.0259



30.1319, 24.8784, 48.0138



15.6746, 15.3212, 17.0705



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.



31.5227, 26.0012, 29.7432



52.5772, 40.6171, 46.4020



31.0426, 27.4745, 22.0809



9.1349, 9.0643, 10.0575



14.3395, 7.3096, 4.4086



0.5357, 0.2697, 0.3143

Inverse Universe

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



31.5227, 26.0012, 29.7432



52.5772, 40.6171, 46.4020



31.8782, 38.1652, 50.4863



9.1349, 9.0643, 10.0575



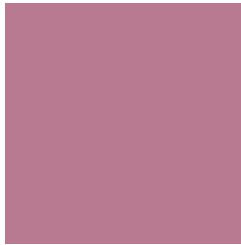
14.3395, 7.3096, 4.4086



0.5357, 0.2697, 0.3143

Previews

White Background



This preview shows how the XYZ color 31.5220, 26.0000, 29.7427 looks on a white background.

Color Contrast Check

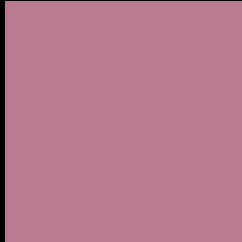
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5220, 26.0000, 29.7427 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 31.5220, 26.0000, 29.7427

Background



This preview shows how black text looks on a background with the XYZ color 31.5220, 26.0000, 29.7427.



This preview shows how white text looks on a background with the XYZ color 31.5220, 26.0000,

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

31.5220, 26.0000, 29.7427

Protanopia

25.5466, 26.2016, 34.2828

Deuteranopia

26.4954, 25.9563, 29.2048



Tritanopia

30.7327, 26.0538, 25.5994

Trichromacy



Original Color
31.5220, 26.0000, 29.7427

Protanomaly
27.2190, 25.8471, 32.4086

Deuteranomaly
28.0448, 25.7350, 29.4758

Tritanomaly
30.8897, 25.9171, 27.0414

Monochromacy



Original Color
31.5220, 26.0000, 29.7427

Achromatopsia
26.1081, 27.4677, 29.9124

Achromatomaly
27.7224, 26.5802, 29.6560

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5220, 26.0000, 29.7427 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, 122, 144) looks like.

```
.text, #text, p{  
    color:rgb(183, 122, 144)  
}
```

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, 122, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 122, 144) }
```

Border

The CSS property to change the border of an element to XYZ 31.5220, 26.0000, 29.7427 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, 122, 144) }
```


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

```
.border{ border-color:rgb(183, 122, 144) }
```

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

Here you see how a box with a 4 pixel rgb(183, 122, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 122, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 122, 144);  
box-shadow:4px 4px 4px 4px rgb(183, 122,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5220, 26.0000, 29.7427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 122, 144) }
```

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

```
.background{ background-color: rgb(183,  
122, 144) }
```

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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