

Converting Colors

XYZ(31.5482, 26.4718, 21.2991)

Have a look what the booklet for
XYZ(31.5482, 26.4718, 21.2991)
contains.

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Color

**XYZ(31.4594, 26.3408,
21.1955)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7B78
RGB	189, 123, 120
RGB Percent	74%, 48%, 47%
CMY	0.2588, 0.5176, 0.5294
CMYK	0.00, 0.35, 0.37, 0.26
HSL	3°, 34%, 61%
HSV	3°, 37%, 74%
XYZ	31.4594, 26.3408, 21.1955
YIQ	142.3920, 40.2990, 13.0590

Conversions

Conversions Part 2

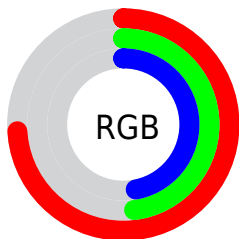
Format	Color
R_{YB}	189, 123, 120
Decimal	12417912
CIE Lab	58.36, 25.35, 12.29
CIE LCh	58, 28.176, 25.871
Yxy	26.3408, 0.3982, 0.3334
Android (android.graphics.Color)	4290607992 (0xFFBD7B78)
YUV	142.3920, -11.0393, 40.8752
Hunter-Lab	51.3233, 19.5986, 11.4407

Details

The XYZ color **31.4594, 26.3408, 21.1955** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.4893, 42.7834, 54.5844**, and the grayscale version is **25.8983, 27.2470, 29.6720**.

A 20% lighter version of the original color is **61.3295, 53.8034, 46.1824**, and **13.3838, 10.3013, 7.4138** is the 20% darker color. If you saturate the color by 10%, you get **28.3844, 21.8489, 15.0591**, and if you desaturate by 10%, it is **35.1762, 31.7540, 28.6633**.

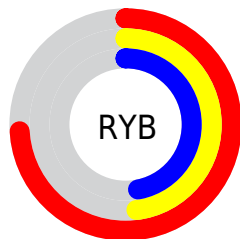
Distribution



Red (74%)

Green (48%)

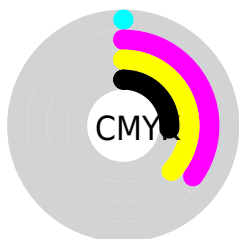
Blue (47%)



Red (74%)

Yellow (48%)

Blue (47%)

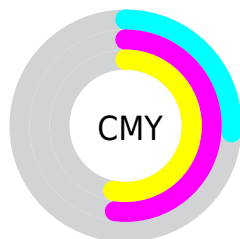


Cyan (0%)

Magenta (35%)

Yellow (37%)

Black (26%)



Cyan (26%)


Magenta (52%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4594, 26.3408, 21.1955 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 31.4594, 26.3408, 21.1955 by changing the saturation by 10% instead.


 31.4594, 26.3408,
21.1955


 31.4594, 26.3408,
21.1955


300.4385,
284.4511, 271.1307


 21.1025, 17.0788,
13.0743


 61.3336, 53.8242,
46.2977

 13.3118, 10.2907,
7.3484


 81.5815, 72.8144,
64.1158

 7.7221, 5.5921,
3.5992


 105.8571, 95.8161,
86.0033

 3.9679, 2.5987,
1.4082

134.5259,
123.2137, 112.3787

 1.6840, 0.9260,
0.1481

167.9530,
155.3916, 143.6607

 0.4462, 0.0000,
0.0000

206.5039,

 0.0000, 0.0000,

192.7342, 180.2676

0.0000

250.5439,
235.6259, 222.6181

■ 31.4594, 26.3408,
21.1955

■ 31.4594, 26.3408,
21.1955

■ 28.3844, 21.8489,
15.0591

■ 35.1762, 31.7540,
28.6633

■ 25.9131, 18.2233,
10.1745

■ 39.5663, 38.1317,
37.5328

■ 24.0061, 15.4095,
6.4559


■ 44.6612, 45.5190,
47.8710


■ 22.6191, 13.3449,
3.8062


■ 50.4902, 53.9571,
59.7404


■ 21.7006, 11.9579,
2.1126


■ 57.0807, 63.4848,
73.1997

 21.1869, 11.1621,
1.2274

 64.4587, 74.1391,
88.3044

 21.0756, 10.9975,
1.0119

 72.6491, 85.9550,
105.1077

 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



32.2160, 26.3408, 30.0639



31.4594, 26.3408, 21.1955



28.9263, 26.3408, 15.7027

Triad

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



31.4594, 26.3408, 21.1955



19.9587, 26.3408, 19.3257



24.5637, 26.3408, 51.9775

Complementary

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



31.4594, 26.3408, 21.1955



34.4893, 42.7834, 54.5844

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.



21.5114, 26.3408, 47.3538



31.4594, 26.3408, 21.1955



19.0111, 26.3408, 27.3405

Square

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



31.4594, 26.3408, 21.1955



22.2642, 26.3408, 14.8090



19.5527, 26.3408, 37.7483



28.0291, 26.3408, 49.2814

Rectangle

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



31.4594, 26.3408, 21.1955



26.6827, 26.3408, 13.9736



19.5527, 26.3408, 37.7483



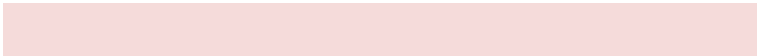
23.4587, 26.3408, 51.2040

Sweetspot

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



31.4601, 26.3421, 21.1960



75.5677, 75.1180, 76.7583



36.6404, 27.8270, 50.2855



15.9863, 15.7708, 15.9706



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.



31.4601, 26.3421, 21.1960



51.7480, 40.4650, 28.7831



36.3998, 36.2214, 22.8426



9.5626, 9.6012, 9.9258



14.1949, 7.4287, 0.6857



0.5676, 0.3141, 0.0307

Inverse Universe

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



34.4893, 42.7834, 54.5844



57.9745, 74.2914, 97.5103



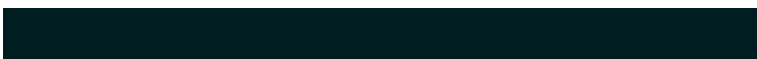
28.1920, 30.1889, 52.4853



9.7720, 10.7364, 12.2295



17.2817, 24.6751, 36.2448



0.6880, 0.9887, 1.4234

Previews

White Background



This preview shows how the XYZ color 31.4594, 26.3408, 21.1955 looks on a white background.

Color Contrast Check

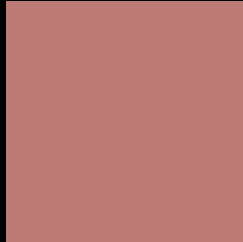
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4594, 26.3408, 21.1955 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 31.4594, 26.3408, 21.1955

Background



This preview shows how black text looks on a background with the XYZ color 31.4594, 26.3408, 21.1955.



This preview shows how white text looks on a background with the XYZ color 31.4594, 26.3408,

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

31.4594, 26.3408, 21.1955

Protanopia

25.1946, 26.4521, 24.5468

Deuteranopia

26.8343, 26.3173, 20.8050



Tritanopia

32.1693, 26.2606, 24.8460

Trichromacy



Original Color

31.4594, 26.3408, 21.1955

Protanomaly

27.1913, 26.2379, 23.3700

Deuteranomaly

28.4593, 26.3352, 21.0360

Tritanomaly

32.0255, 26.3985, 23.4862

Monochromacy



Original Color

31.4594, 26.3408, 21.1955

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2651, 26.4201, 26.2168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4594, 26.3408, 21.1955 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(189, 123, 120)` looks like.

```
.text, #text, p{  
    color:rgb(189, 123, 120)  
}
```

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(189, 123, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 123, 120) }
```

Border

The CSS property to change the border of an element to XYZ 31.4594, 26.3408, 21.1955 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(189, 123, 120) }
```


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

```
.border{ border-color:rgb(189, 123, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 123, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 123, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 123, 120);  
box-shadow:4px 4px 4px 4px rgb(189, 123,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4594, 26.3408, 21.1955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 123, 120) }
```

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

```
.background{ background-color: rgb(189,  
123, 120) }
```

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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