

Converting Colors

XYZ(30.7228, 25.9611, 21.1610)

Have a look what the booklet for
XYZ(30.7228, 25.9611, 21.1610)
contains.

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Color

**XYZ(30.7228, 25.9611,
21.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	BA7B78
RGB	186, 123, 120
RGB Percent	73%, 48%, 47%
CMY	0.2706, 0.5176, 0.5294
CMYK	0.00, 0.34, 0.35, 0.27
HSL	3°, 32%, 60%
HSV	3°, 35%, 73%
XYZ	30.7228, 25.9611, 21.1610
YIQ	141.4950, 38.5110, 12.4230

Conversions

Conversions Part 2

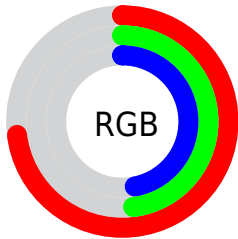
Format	Color
R _Y B	186, 123, 120
Decimal	12221304
CIE Lab	58.00, 24.18, 11.74
CIE LCh	58, 26.878, 25.896
Yxy	25.9611, 0.3947, 0.3335
Android (android.graphics.Color)	4290411384 (0xFFBA7B78)
YUV	141.4950, -10.5970, 39.0309
Hunter-Lab	50.9520, 18.4650, 11.0426

Details

The XYZ color **30.7228, 25.9611, 21.1610** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.5414, 41.4035, 52.6782**, and the grayscale version is **25.5423, 26.8725, 29.2641**.

A 20% lighter version of the original color is **60.2800, 53.2623, 46.1333**, and **12.9123, 10.0583, 7.3918** is the 20% darker color. If you saturate the color by 10%, you get **27.6956, 21.5411, 15.1133**, and if you desaturate by 10%, it is **34.3700, 31.2701, 28.4977**.

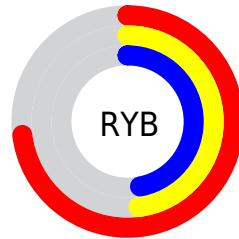
Distribution



Red (73%)

Green (48%)

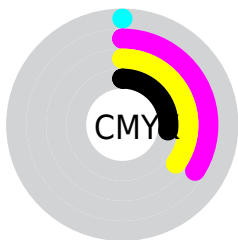
Blue (47%)



Red (73%)

Yellow (48%)

Blue (47%)

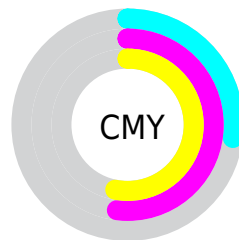


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (27%)



Cyan (27%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7228, 25.9611, 21.1610 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 30.7228, 25.9611, 21.1610 by changing the saturation by 10% instead.

■ 30.7228, 25.9611,
21.1610

■ 30.7228, 25.9611,
21.1610

297.1090,
282.5911, 270.9420

■ 20.5386, 16.7945,
13.0493

■ 60.1822, 53.2122,
46.2396

■ 12.8977, 10.0881,
7.3314

■ 80.1882, 72.0655,
64.0436

■ 7.4347, 5.4574,
3.5886

■ 104.1988, 94.9165,
85.9155

■ 3.7841, 2.5181,
1.4025

132.5794,
122.1496, 112.2738

■ 1.5807, 0.8857,
0.1437

165.6953,
154.1493, 143.5371

■ 0.3798, 0.0000,
0.0000

203.9120,

■ 0.0000, 0.0000,

191.2998, 180.1238

0.0000

247.5948,
233.9856, 222.4526

■ 30.7228, 25.9611,
21.1610

■ 30.7228, 25.9611,
21.1610

■ 27.6956, 21.5411,
15.1133

■ 34.3700, 31.2701,
28.4977

■ 25.2520, 17.9579,
10.2787

■ 38.6670, 37.5090,
37.1903

■ 23.3551, 15.1600,
6.5757


■ 43.6438, 44.7205,
47.3027


■ 21.9626, 13.0885,
3.9125


■ 49.3283, 52.9440,
58.8946

■ 21.0264, 11.6760,
2.1824


■ 55.7465, 62.2162,
72.0221

 20.4883, 10.8426,
1.2542

 62.9233, 72.5723,
86.7384

 20.3416, 10.6229,
0.9783

 70.8825, 84.0458,
103.0942

 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.



31.4346, 25.9611, 29.5652



30.7228, 25.9611, 21.1610



28.3406, 25.9611, 15.9053

Triad

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



30.7228, 25.9611, 21.1610



19.8623, 25.9611, 19.3871



24.2315, 25.9611, 50.0922

Complementary

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



30.7228, 25.9611, 21.1610



33.5414, 41.4035, 52.6782

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.



21.3404, 25.9611, 45.7896



30.7228, 25.9611, 21.1610



18.9618, 25.9611, 27.0078

Square

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



30.7228, 25.9611, 21.1610



22.0500, 25.9611, 15.0497



19.4784, 25.9611, 36.8091



27.5010, 25.9611, 47.5759

Rectangle

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



30.7228, 25.9611, 21.1610



26.2267, 25.9611, 14.2401



19.4784, 25.9611, 36.8091



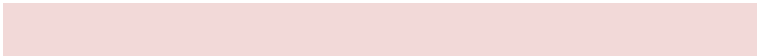
23.1862, 25.9611, 49.3741

Sweetspot

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



30.7235, 25.9624, 21.1615



73.8125, 73.3895, 74.9719



35.5970, 27.3246, 48.6355



15.9896, 15.7773, 15.9717



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.



30.7235, 25.9624, 21.1615



51.0933, 40.3510, 29.1717



35.3946, 35.3046, 22.7186



9.0365, 9.0760, 9.3825



13.7002, 7.1768, 0.6632



0.4941, 0.2753, 0.0271

Inverse Universe

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



33.5414, 41.4035, 52.6782



56.9911, 72.6994, 95.2300



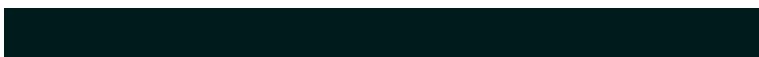
27.6433, 29.6073, 50.7121



9.2307, 10.1386, 11.5499



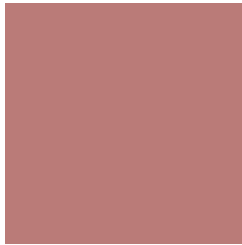
16.6264, 23.7125, 34.9537



0.5970, 0.8576, 1.2358

Previews

White Background



This preview shows how the XYZ color 30.7228, 25.9611, 21.1610 looks on a white background.

Color Contrast Check

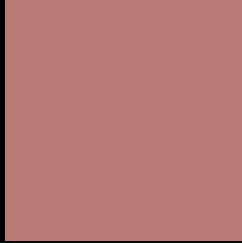
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7228, 25.9611, 21.1610 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 30.7228, 25.9611, 21.1610

Background



This preview shows how black text looks on a background with the XYZ color 30.7228, 25.9611, 21.1610.



This preview shows how white text looks on a background with the XYZ color 30.7228, 25.9611,

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

30.7228, 25.9611, 21.1610

Protanopia

24.8060, 26.0435, 24.1416

Deuteranopia

26.4931, 25.9353, 20.7492



Tritanopia

31.4276, 25.8782, 24.8113

Trichromacy



Original Color

30.7228, 25.9611, 21.1610

Protanomaly

26.5864, 25.7293, 22.9670

Deuteranomaly

27.8900, 25.8432, 20.9710

Tritanomaly

31.2838, 26.0162, 23.4515

Monochromacy



Original Color

30.7228, 25.9611, 21.1610

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.6634, 25.9117, 25.7865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7228, 25.9611, 21.1610 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 123, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 120) }
```

Border

The CSS property to change the border of an element to XYZ 30.7228, 25.9611, 21.1610 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, 120) }
```


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

```
.border{ border-color:rgb(186, 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(186, 123, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 120);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7228, 25.9611, 21.1610 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, 120) }
```

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

```
.background{ background-color: rgb(186,  
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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