

Converting Colors

XYZ(30.9793, 27.0277, 23.1439)

Have a look what the booklet for
XYZ(30.9793, 27.0277, 23.1439)
contains.

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Color

**XYZ(30.9493, 26.9863,
22.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	B7807D
RGB	183, 128, 125
RGB Percent	72%, 50%, 49%
CMY	0.2824, 0.4980, 0.5098
CMYK	0.00, 0.30, 0.32, 0.28
HSL	3°, 29%, 60%
HSV	3°, 32%, 72%
XYZ	30.9493, 26.9863, 22.9797
YIQ	144.1030, 33.7430, 10.7270

Conversions

Conversions Part 2

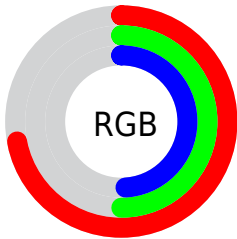
Format	Color
R_{YB}	183, 128, 125
Decimal	12025981
CIE _{Lab}	58.96, 20.88, 10.17
CIE _{LCh}	59, 23.220, 25.970
Yxy	26.9863, 0.3825, 0.3335
Android (android.graphics.Color)	4290216061 (0xFFB7807D)
YUV	144.1030, -9.4178, 34.1127
Hunter-Lab	51.9483, 15.4355, 10.1365

Details

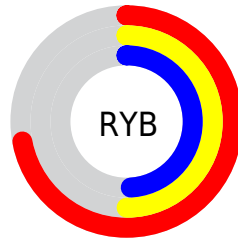
The XYZ color **30.9493, 26.9863, 22.9797** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.3254, 40.4200, 50.8453**, and the grayscale version is **26.5786, 27.9628, 30.4514**.

A 20% lighter version of the original color is **60.4949, 54.7874, 49.5061**, and **12.9310, 10.5598, 8.1942** is the 20% darker color. If you saturate the color by 10%, you get **27.8132, 22.4157, 16.6883**, and if you desaturate by 10%, it is **34.6893, 32.4197, 30.5356**.

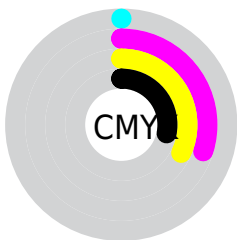
Distribution



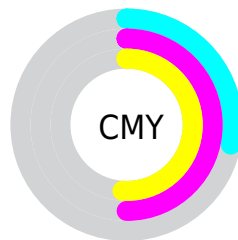
- Red (72%)
- Green (50%)
- Blue (49%)



- Red (72%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (32%)
- Black (28%)





- Cyan (28%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9493, 26.9863, 22.9797 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 30.9493, 26.9863, 22.9797 by changing the saturation by 10% instead.


 30.9493, 26.9863,
22.9797


 30.9493, 26.9863,
22.9797

298.1357,
287.5908, 280.7393


 20.7119, 17.5629,
14.3734


 60.5366, 54.8619,
49.2828

 13.0248, 10.6367,
8.2391


 80.6172, 74.0829,
67.8166

 7.5228, 5.8231,
4.1584


 104.7096, 97.3386,
90.4966

 3.8403, 2.7378,
1.7126

133.1792,
125.0133, 117.7414

 1.6122, 0.9964,
0.3694

166.3912,
157.4915, 149.9696

 0.4003, 0.0000,
0.0000

204.7110,

 0.0000, 0.0000,

195.1575, 187.5995

0.0000

248.5041,
238.3958, 231.0499

■ 30.9493, 26.9863,
22.9797

■ 30.9493, 26.9863,
22.9797

■ 27.8132, 22.4157,
16.6883

■ 34.6893, 32.4197,
30.5356

■ 25.2474, 18.6601,
11.5909

■ 39.0603, 38.7530,
39.4181

■ 23.2180, 15.6725,
7.6124


■ 44.0903, 46.0259,
49.6873


■ 21.6871, 13.4000,
4.6688


■ 49.8051, 54.2745,
61.3988


■ 20.6115, 11.7827,
2.6638


■ 56.2290, 63.5330,
74.6054

 19.9406, 10.7512,
1.4837

 63.3851, 73.8338,
89.3573

 19.6314, 10.2731,
0.9482

 71.2956, 85.2083,
105.7022

 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



31.5708, 26.9863, 30.5107



30.9493, 26.9863, 22.9797



28.8705, 26.9863, 18.1157

Triad

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



30.9493, 26.9863, 22.9797



21.3343, 26.9863, 21.3818



25.2630, 26.9863, 48.1820

Complementary

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



30.9493, 26.9863, 22.9797



33.3254, 40.4200, 50.8453

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.



22.6778, 26.9863, 44.5597



30.9493, 26.9863, 22.9797



20.5194, 26.9863, 28.2844

Square

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



30.9493, 26.9863, 22.9797



23.3035, 26.9863, 17.3214



20.9924, 26.9863, 36.8785



28.1482, 26.9863, 46.0451

Rectangle

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



30.9493, 26.9863, 22.9797



27.0138, 26.9863, 16.5412



20.9924, 26.9863, 36.8785



24.3323, 26.9863, 47.5820

Sweetspot

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



30.9500, 26.9876, 22.9802



71.2555, 71.2861, 73.2447



35.1107, 28.0342, 46.7942



15.4749, 15.3639, 15.6410



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.



30.9500, 26.9876, 22.9802



51.4238, 42.4972, 33.1098



35.2704, 35.6283, 24.4204



9.0409, 9.0848, 9.3839



13.7108, 7.1980, 0.6667



0.4960, 0.2791, 0.0277

Inverse Universe

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



33.3254, 40.4200, 50.8453



56.3392, 70.3147, 90.8384



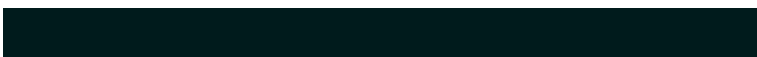
28.0877, 29.9446, 49.0994



9.2258, 10.1288, 11.5482



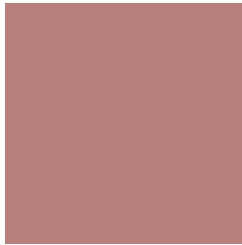
16.4734, 23.4065, 34.9027



0.5930, 0.8496, 1.2345

Previews

White Background



This preview shows how the XYZ color 30.9493, 26.9863, 22.9797 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 30.9493, 26.9863, 22.9797 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 30.9493, 26.9863, 22.9797

Background



This preview shows how black text looks on a background with the XYZ color 30.9493, 26.9863, 22.9797.



This preview shows how white text looks on a background with the XYZ color 30.9493, 26.9863,

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

30.9493, 26.9863, 22.9797

Protanopia

25.8705, 27.2150, 25.7193

Deuteranopia

27.6251, 27.1079, 22.5152



Tritanopia

31.6720, 26.8896, 26.8135

Trichromacy



Original Color

30.9493, 26.9863, 22.9797

Protanomaly

27.4053, 26.9499, 24.5263

Deuteranomaly

28.7408, 27.0515, 22.7754

Tritanomaly

31.5214, 27.0350, 25.3867

Monochromacy



Original Color

30.9493, 26.9863, 22.9797

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.7044, 27.2522, 27.4669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9493, 26.9863, 22.9797 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, 128, 125)` looks like.

```
.text, #text, p{  
    color:rgb(183, 128, 125)  
}
```

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, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 30.9493, 26.9863, 22.9797 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, 128, 125) }
```


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

```
.border{ border-color:rgb(183, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 128, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 128, 125); box-shadow:4px 4px 4px 4px rgb(183, 128, 125) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9493, 26.9863, 22.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 128, 125) }
```

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

```
.background{ background-color: rgb(183,  
128, 125) }
```

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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