

Converting Colors

XYZ(31.1295, 25.6891, 20.5875)

Have a look what the booklet for
XYZ(31.1295, 25.6891, 20.5875)
contains.

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Color

**XYZ(30.9728, 25.5598,
20.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7876
RGB	189, 120, 118
RGB Percent	74%, 47%, 46%
CMY	0.2588, 0.5294, 0.5373
CMYK	0.00, 0.37, 0.38, 0.26
HSL	2°, 35%, 60%
HSV	2°, 38%, 74%
XYZ	30.9728, 25.5598, 20.4406
YIQ	140.4030, 41.7660, 14.0060

Conversions

Conversions Part 2

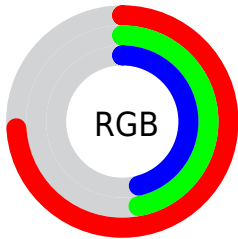
Format	Color
R_{YB}	189, 120, 118
Decimal	12417142
CIE _{Lab}	57.62, 26.76, 12.41
CIE _{LCh}	58, 29.496, 24.876
Yxy	25.5598, 0.4024, 0.3321
Android (android.graphics.Color)	4290607222 (0xFFBD7876)
YUV	140.4030, -11.0447, 42.6196
Hunter-Lab	50.5567, 20.8811, 11.4181

Details

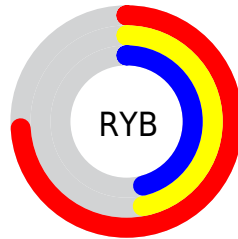
The XYZ color **30.9728, 25.5598, 20.4406** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.4261, 43.0646, 54.6421**, and the grayscale version is **25.1150, 26.4229, 28.7746**.

A 20% lighter version of the original color is **60.5570, 52.5636, 44.9843**, and **12.9685, 9.8091, 7.0042** is the 20% darker color. If you saturate the color by 10%, you get **27.9592, 21.1535, 14.4391**, and if you desaturate by 10%, it is **34.6365, 30.9059, 27.7695**.

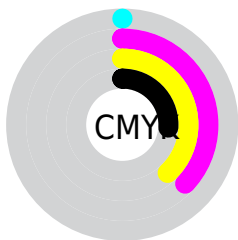
Distribution



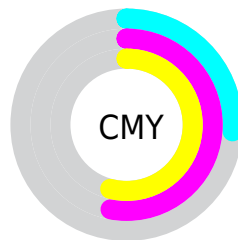
- Red (74%)
- Green (47%)
- Blue (46%)



- Red (74%)
- Yellow (47%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (38%)
- Black (26%)




- Cyan (26%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9728, 25.5598, 20.4406 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 30.9728, 25.5598, 20.4406 by changing the saturation by 10% instead.


 30.9728, 25.5598,
20.4406

 30.9728, 25.5598,
20.4406


298.2421,
280.6144, 266.9732


 20.7299, 16.4946,
12.5285


 60.5734, 52.5639,
45.0233

 13.0380, 9.8748,
6.9778


 80.6617, 71.2717,
62.5309

 7.5319, 5.3160,
3.3700

 104.7626, 93.9624,
84.0742

 3.8462, 2.4339,
1.2865

133.2413,
121.0205, 110.0716

 1.6155, 0.8432,
0.0507

166.4633,
152.8303, 140.9416

 0.4025, 0.0000,
0.0000

204.7938,

 0.0000, 0.0000,

189.7763, 177.1029

0.0000

248.5983,
232.2429, 218.9739

■ 30.9728, 25.5598,
20.4406

■ 30.9728, 25.5598,
20.4406

■ 27.9592, 21.1535,
14.4391

■ 34.6365, 30.9059,
27.7695

■ 25.5558, 17.6293,
9.6842

■ 38.9829, 37.2378,
36.4972

■ 23.7216, 14.9288,
6.0888


■ 44.0452, 44.6029,
46.6914


■ 22.4096, 12.9853,
3.5536


■ 49.8534, 53.0445,
58.4153


■ 21.5654, 11.7215,
1.9630


■ 56.4362, 62.6034,
71.7283

 21.1180, 11.0418,
1.1504

 63.8204, 73.3183,
86.6867

 21.0442, 10.9347,
1.0014

 72.0319, 85.2260,
103.3439

 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.



31.6854, 25.5598, 29.5994



30.9728, 25.5598, 20.4406



28.4038, 25.5598, 14.7863

Triad

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



30.9728, 25.5598, 20.4406



19.1634, 25.5598, 18.0933



23.6937, 25.5598, 51.9727

Complementary

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



30.9728, 25.5598, 20.4406



34.4261, 43.0646, 54.6421

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.



20.6008, 25.5598, 46.9066



30.9728, 25.5598, 20.4406



18.1517, 25.5598, 26.1331

Square

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



30.9728, 25.5598, 20.4406



21.5540, 25.5598, 13.6784



18.6515, 25.5598, 36.8156



27.2565, 25.5598, 49.4040

Rectangle

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



30.9728, 25.5598, 20.4406



26.1046, 25.5598, 12.9879



18.6515, 25.5598, 36.8156



22.5687, 25.5598, 51.0763

Sweetspot

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



30.9735, 25.5610, 20.4411



75.4602, 74.9031, 76.7224



36.5222, 27.3989, 50.8371



15.9609, 15.7199, 15.9621



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.



30.9735, 25.5610, 20.4411



50.9869, 39.2209, 27.6721



35.9252, 35.4645, 22.0917



9.5512, 9.5783, 9.9220



14.1687, 7.3761, 0.6770



0.5625, 0.3039, 0.0290

Inverse Universe

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



34.4261, 43.0646, 54.6421



58.0447, 75.0214, 97.6475



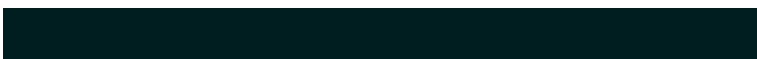
27.9364, 30.0853, 52.4789



9.7849, 10.7621, 12.2338



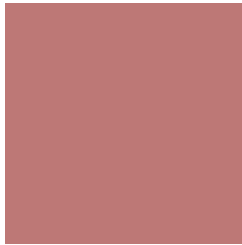
17.6759, 25.4636, 36.3762



0.6997, 1.0121, 1.4273

Previews

White Background



This preview shows how the XYZ color 30.9728, 25.5598, 20.4406 looks on a white background.

Color Contrast Check

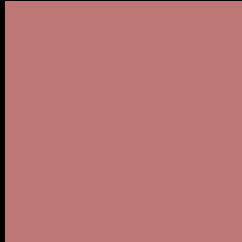
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9728, 25.5598, 20.4406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

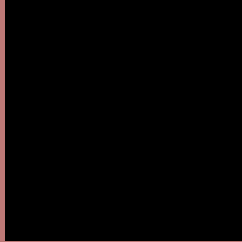
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.9728, 25.5598, 20.4406

Background



This preview shows how black text looks on a background with the XYZ color 30.9728, 25.5598, 20.4406.



This preview shows how white text looks on a background with the XYZ color 30.9728, 25.5598,

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

30.9728, 25.5598, 20.4406

Protanopia

24.4208, 25.6386, 23.7403

Deuteranopia

26.0371, 25.5096, 20.0745



Tritanopia

31.6628, 25.6731, 23.3653

Trichromacy



Original Color

30.9728, 25.5598, 20.4406

Protanomaly

26.2516, 25.1614, 22.5418

Deuteranomaly

27.7246, 25.3806, 20.2673

Tritanomaly

31.4701, 25.5960, 22.3507

Monochromacy



Original Color

30.9728, 25.5598, 20.4406

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.6529, 25.7101, 25.3876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9728, 25.5598, 20.4406 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, 120, 118)` looks like.

```
.text, #text, p{  
    color:rgb(189, 120, 118)  
}
```

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, 120, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 120, 118) }
```

Border

The CSS property to change the border of an element to XYZ 30.9728, 25.5598, 20.4406 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, 120, 118) }
```


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

```
.border{ border-color:rgb(189, 120, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 120, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 120, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 120, 118);  
box-shadow:4px 4px 4px 4px rgb(189, 120,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9728, 25.5598, 20.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 120, 118) }
```

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

```
.background{ background-color: rgb(189,  
120, 118) }
```

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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