

Converting Colors

XYZ(29.7830, 24.5907, 24.3006)

Have a look what the booklet for
XYZ(29.7830, 24.5907, 24.3006)
contains.

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Color

**XYZ(29.7991, 24.5137,
24.2801)**

Conversions

Conversions Part 1

Format	Color
Hex	B67682
RGB	182, 118, 130
RGB Percent	71%, 46%, 51%
CMY	0.2863, 0.5372, 0.4902
CMYK	0.00, 0.35, 0.29, 0.29
HSL	349°, 30%, 59%
HSV	349°, 35%, 71%
XYZ	29.7991, 24.5137, 24.2801
YIQ	138.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

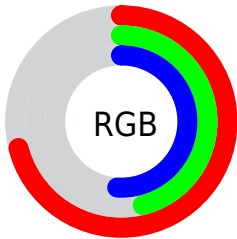
Format	Color
R_{YB}	182, 118, 130
Decimal	11957890
CIE _{Lab}	56.60, 26.75, 3.89
CIE _{LCh}	57, 27.027, 8.272
Yxy	24.5137, 0.3792, 0.3119
Android (android.graphics.Color)	4290147970 (0xFFB67682)
YUV	138.5040, -4.1925, 38.1460
Hunter-Lab	49.5113, 20.7880, 5.5824

Details

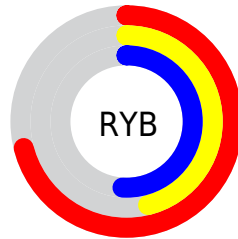
The XYZ color **29.7991, 24.5137, 24.2801** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.4560, 40.2103, 44.1358**, and the grayscale version is **24.3571, 25.6256, 27.9063**.

A 20% lighter version of the original color is **58.7068, 50.8954, 51.5294**, and **12.3047, 9.2404, 8.9196** is the 20% darker color. If you saturate the color by 10%, you get **26.9367, 20.2648, 18.7756**, and if you desaturate by 10%, it is **33.2191, 29.6491, 30.6749**.

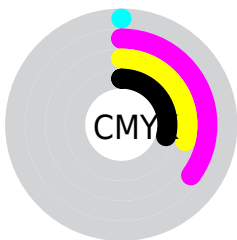
Distribution



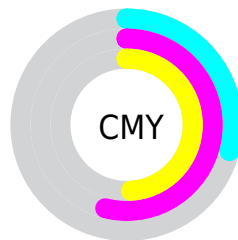
- Red (71%)
- Green (46%)
- Blue (51%)



- Red (71%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (29%)





- Cyan (29%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7991, 24.5137, 24.2801 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 29.7991, 24.5137, 24.2801 by changing the saturation by 10% instead.


 29.7991, 24.5137,
24.2801


 29.7991, 24.5137,
24.2801


292.8935,
275.4074, 287.5656


 19.8335, 15.7151,
15.3274

 58.7331, 50.8672,
51.4364

 12.3816, 9.3228,
8.9003


 78.4322, 69.1909,
70.4772

 7.0782, 4.9523,
4.5803


 102.1065, 91.4584,
93.7177

 3.5578, 2.2193,
1.9488

130.1214,
118.0542, 121.5765

 1.4551, 0.7305,
0.5235

162.8422,
149.3626, 154.4721

 0.2950, 0.0000,
0.0000

200.6342,

 0.0000, 0.0000,

185.7680, 192.8232

0.0000

243.8629,
227.6548, 237.0481

■ 29.7991, 24.5137,
24.2801

■ 29.7991, 24.5137,
24.2801

■ 26.9367, 20.2648,
18.7756

■ 33.2191, 29.6491,
30.6749

■ 24.5998, 16.8486,
14.1200

■ 37.2223, 35.7135,
37.9959

■ 22.7565, 14.2112,
10.2709


■ 41.8351, 42.7513,
46.2787


■ 21.3701, 12.2905,
7.1815


■ 47.0818, 50.8026,
55.5565


■ 20.3987, 11.0153,
4.7999


■ 52.9854, 59.9054,
65.8612


 19.7920, 10.2982,
3.0672

 59.5675, 70.0959,
77.2230

 19.5818, 10.0613,
2.4321

 66.8489, 81.4083,
89.6709

 72.0426, 88.2616,
102.2972

 73.1014, 88.6851,
107.8728

Harmonies

Analogous

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



29.3698, 24.5137, 33.6173



29.7991, 24.5137, 24.2801



28.3678, 24.5137, 17.3503

Triad

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



29.7991, 24.5137, 24.2801



19.7566, 24.5137, 15.2883



21.1353, 24.5137, 46.1900

Complementary

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



29.7991, 24.5137, 24.2801



31.4560, 40.2103, 44.1358

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.



18.8740, 24.5137, 38.8969



29.7991, 24.5137, 24.2801



18.1292, 24.5137, 20.7885

Square

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



29.7991, 24.5137, 24.2801



22.4417, 24.5137, 12.9768



17.8213, 24.5137, 29.2570



24.1790, 24.5137, 47.7179

Rectangle

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



29.7991, 24.5137, 24.2801



26.6208, 24.5137, 14.5206



17.8213, 24.5137, 29.2570



20.2667, 24.5137, 44.2637

Sweetspot

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



29.7998, 24.5149, 24.2806



70.6738, 69.6059, 74.6445



31.3279, 24.7927, 47.3903



15.3663, 15.0029, 16.0483



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.



29.7998, 24.5149, 24.2806



50.0180, 38.4853, 36.3413



31.5364, 29.2025, 21.1156



9.0716, 9.0390, 9.7242



13.8471, 7.1126, 1.8157



0.5091, 0.2591, 0.1742

Inverse Universe

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



29.7998, 24.5149, 24.2806



50.0180, 38.4853, 36.3413



28.9774, 33.3533, 49.1666



9.0716, 9.0390, 9.7242



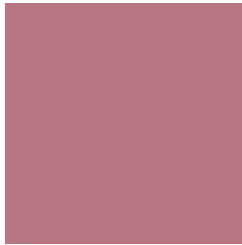
13.8471, 7.1126, 1.8157



0.5091, 0.2591, 0.1742

Previews

White Background



This preview shows how the XYZ color 29.7991, 24.5137, 24.2801 looks on a white background.

Color Contrast Check

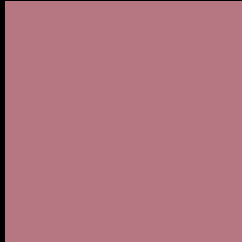
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7991, 24.5137, 24.2801 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 29.7991, 24.5137, 24.2801

Background



This preview shows how black text looks on a background with the XYZ color 29.7991, 24.5137, 24.2801.



This preview shows how white text looks on a background with the XYZ color 29.7991, 24.5137,

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

29.7991, 24.5137, 24.2801

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

24.9615, 24.4665, 23.8290



Tritanopia

29.6006, 24.4343, 23.2348

Trichromacy



Original Color

29.7991, 24.5137, 24.2801

Protanomaly

25.4311, 24.2504, 26.6330

Deuteranomaly

26.5276, 24.2932, 24.0598

Tritanomaly

29.6661, 24.4605, 23.5798

Monochromacy



Original Color

29.7991, 24.5137, 24.2801

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.0778, 24.9787, 26.7395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7991, 24.5137, 24.2801 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(182, 118, 130)` looks like.

```
.text, #text, p{  
    color:rgb(182, 118, 130)  
}
```

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(182, 118, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 118, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.7991, 24.5137, 24.2801 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(182, 118, 130) }
```


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

```
.border{ border-color:rgb(182, 118, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 118, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 118, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 118, 130);  
box-shadow:4px 4px 4px 4px rgb(182, 118,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7991, 24.5137, 24.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 118, 130) }
```

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

```
.background{ background-color: rgb(182,  
118, 130) }
```

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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