

Converting Colors

XYZ(28.7600, 24.5805, 18.7982)

Have a look what the booklet for
XYZ(28.7600, 24.5805, 18.7982)
contains.

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Color

**XYZ(28.8741, 24.6908,
18.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	B57971
RGB	181, 121, 113
RGB Percent	71%, 47%, 44%
CMY	0.2902, 0.5255, 0.5569
CMYK	0.00, 0.33, 0.38, 0.29
HSL	7°, 31%, 58%
HSV	7°, 38%, 71%
XYZ	28.8741, 24.6908, 18.8667
YIQ	138.0280, 38.3280, 10.2320

Conversions

Conversions Part 2

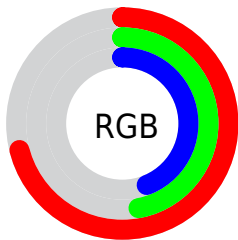
Format	Color
R_{YB}	181, 122, 113
Decimal	11893105
CIE _{Lab}	56.77, 22.44, 13.97
CIE _{LCh}	57, 26.436, 31.902
Yxy	24.6908, 0.3986, 0.3409
Android (android.graphics.Color)	4290083185 (0xFFB57971)
YUV	138.0280, -12.3388, 37.6864
Hunter-Lab	49.6898, 16.7667, 12.2711

Details

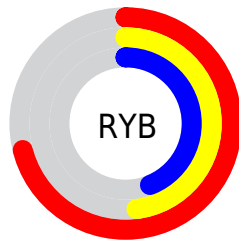
The XYZ color **28.8741, 24.6908, 18.8667** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.0935, 36.7326, 49.2201**, and the grayscale version is **24.2041, 25.4646, 27.7310**.

A 20% lighter version of the original color is **57.1875, 51.1659, 42.4592**, and **11.8757, 9.4520, 6.1995** is the 20% darker color. If you saturate the color by 10%, you get **26.1723, 20.7586, 13.4302**, and if you desaturate by 10%, it is **32.1017, 29.3493, 25.4816**.

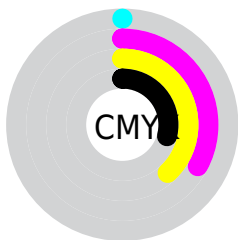
Distribution



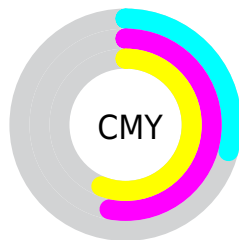
- Red (71%)
- Green (47%)
- Blue (44%)



- Red (71%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (38%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8741, 24.6908, 18.8667 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 28.8741, 24.6908, 18.8667 by changing the saturation by 10% instead.

■ 28.8741, 24.6908,
18.8667

■ 28.8741, 24.6908,
18.8667

288.6254,
276.2946, 258.1100

■ 19.1294, 15.8468,
11.3982

■ 57.2759, 51.1552,
42.3424

■ 11.8684, 9.4158,
6.2178

■ 76.6638, 69.5444,
59.1867

■ 6.7257, 5.0134,
2.9070

■ 99.9967, 91.8841,
79.9933

■ 3.3359, 2.2551,
1.0474

■ 127.6401,
118.5588, 105.1807

■ 1.3338, 0.7498,
0.0000

159.9594,
149.9527, 135.1676

■ 0.2083, 0.0000,
0.0000

197.3197,

■ 0.0000, 0.0000,

186.4504, 170.3724

0.0000

240.0866,
228.4363, 211.2137

■ 28.8741, 24.6908,
18.8667

■ 28.8741, 24.6908,
18.8667

■ 26.1723, 20.7586,
13.4302

■ 32.1017, 29.3493,
25.4816

■ 23.9665, 17.5125,
9.1014

■ 35.8790, 34.7642,
33.3370

■ 22.2267, 14.9142,
5.8044


■ 40.2308, 40.9686,
42.4925


■ 20.9188, 12.9199,
3.4527


■ 45.1799, 47.9924,
53.0033


■ 20.0042, 11.4805,
1.9462


■ 50.7476, 55.8639,
64.9215

 19.4319, 10.5368,
1.1360

 56.9544, 64.6102,
78.2963

 19.3299, 10.3714,
0.9831

 63.8197, 74.2570,
93.1747

 70.9078, 84.6473,
107.2091

 72.8661, 88.5638,
107.8618

Harmonies

Analogous

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



29.9116, 24.6908, 26.3241



28.8741, 24.6908, 18.8667



26.3748, 24.6908, 14.5074

Triad

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



28.8741, 24.6908, 18.8667



18.6132, 24.6908, 19.6486



23.6653, 24.6908, 47.6951

Complementary

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



28.8741, 24.6908, 18.8667



30.0935, 36.7326, 49.2201

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.



20.7828, 24.6908, 44.8330



28.8741, 24.6908, 18.8667



18.0232, 24.6908, 27.4520

Square

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



28.8741, 24.6908, 18.8667



20.4698, 24.6908, 14.8844



18.7824, 24.6908, 36.9012



26.7452, 24.6908, 44.0446

Rectangle

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



28.8741, 24.6908, 18.8667



24.3137, 24.6908, 13.3258



18.7824, 24.6908, 36.9012



22.6419, 24.6908, 47.4608

Sweetspot

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



28.8747, 24.6920, 18.8672



69.1136, 69.1902, 69.9003



32.5106, 24.6539, 42.6143



14.7121, 14.6327, 14.6326



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.8747, 24.6920, 18.8672



47.6858, 38.3646, 25.6711



33.7471, 34.4367, 20.4913



8.5743, 8.6611, 8.8724



13.3533, 7.2052, 0.6869



0.4459, 0.2782, 0.0302

Inverse Universe

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



30.0935, 36.7326, 49.2201



50.1628, 62.9793, 87.8070



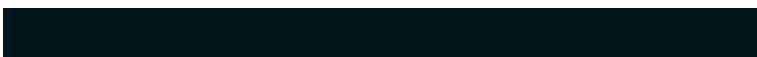
24.3930, 25.3317, 47.3200



8.6556, 9.4574, 10.8756



14.4124, 19.6252, 33.1654



0.4774, 0.6654, 1.0515

Previews

White Background



This preview shows how the XYZ color 28.8741, 24.6908, 18.8667 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 28.8741, 24.6908, 18.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

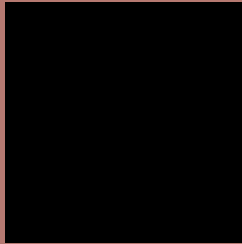
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8741, 24.6908, 18.8667

Background



This preview shows how black text looks on a background with the XYZ color 28.8741, 24.6908, 18.8667.



This preview shows how white text looks on a background with the XYZ color 28.8741, 24.6908,

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

28.8741, 24.6908, 18.8667

Protanopia

23.5830, 24.8284, 21.6386

Deuteranopia

25.2836, 24.7512, 18.4838



Tritanopia

29.7845, 24.6972, 23.6193

Trichromacy



Original Color

28.8741, 24.6908, 18.8667

Protanomaly

25.2909, 24.7087, 20.5758

Deuteranomaly

26.4504, 24.5641, 18.6765

Tritanomaly

29.5830, 24.8081, 21.9681

Monochromacy



Original Color

28.8741, 24.6908, 18.8667

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5401, 24.9575, 24.2401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8741, 24.6908, 18.8667 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(181, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(181, 121, 113)  
}
```

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(181, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 121, 113) }
```

Border

The CSS property to change the border of an element to XYZ 28.8741, 24.6908, 18.8667 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(181, 121, 113) }
```


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

```
.border{ border-color:rgb(181, 121, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 121, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(181, 121,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8741, 24.6908, 18.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 121, 113) }
```

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

```
.background{ background-color: rgb(181,  
121, 113) }
```

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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