

Converting Colors

XYZ(33.0977, 30.9718, 24.6558)

Have a look what the booklet for
XYZ(33.0977, 30.9718, 24.6558)
contains.

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Color

**XYZ(33.0977, 30.9718,
24.6558)**

Conversions

Conversions Part 1

Format	Color
Hex	B78E80
RGB	183, 142, 128
RGB Percent	72%, 56%, 50%
CMY	0.2824, 0.4431, 0.4980
CMYK	0.00, 0.22, 0.30, 0.28
HSL	15°, 28%, 61%
HSV	15°, 30%, 72%
XYZ	33.0977, 30.9718, 24.6558
YIQ	152.6630, 28.9300, 4.3380

Conversions

Conversions Part 2

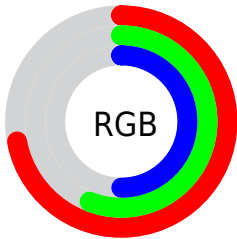
Format	Color
R_{YB}	183, 147, 128
Decimal	12029568
CIE _{Lab}	62.48, 13.48, 13.41
CIE _{LCh}	62, 19.014, 44.867
Yxy	30.9718, 0.3730, 0.3491
Android (android.graphics.Color)	4290219648 (0xFFB78E80)
YUV	152.6630, -12.1589, 26.6055
Hunter-Lab	55.6523, 8.7665, 12.6892

Details

The XYZ color **33.0977, 30.9718, 24.6558** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6368, 36.3828, 50.1549**, and the grayscale version is **30.1748, 31.7463, 34.5717**.

A 20% lighter version of the original color is **64.0156, 61.3413, 52.1821**, and **14.2917, 12.8859, 9.1311** is the 20% darker color. If you saturate the color by 10%, you get **30.0934, 26.7201, 18.2381**, and if you desaturate by 10%, it is **36.5692, 35.8101, 32.3017**.

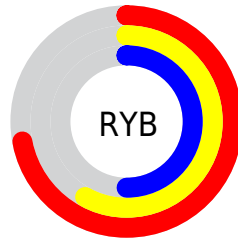
Distribution



Red (72%)

Green (56%)

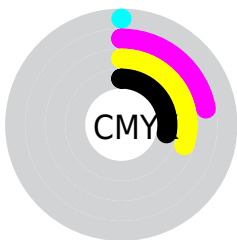
Blue (50%)



Red (72%)

Yellow (58%)

Blue (50%)

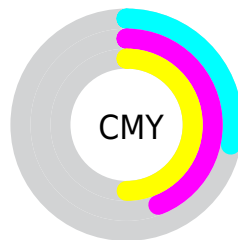


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (44%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0977, 30.9718, 24.6558 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 33.0977, 30.9718, 24.6558 by changing the saturation by 10% instead.


 33.0977, 30.9718,
24.6558


 33.0977, 30.9718,
24.6558


307.7470,
306.4084, 289.5120


 22.3609, 20.5774,
15.6041


 63.8817, 61.1957,
52.0555

 14.2404, 12.8154,
9.0931


 84.6596, 81.7939,
71.2405

 8.3709, 7.3016,
4.7043


 109.5152,
106.5622, 94.6404

 4.3870, 3.6514,
2.0192

138.8140,
135.8850, 122.6738

 1.9233, 1.4805,
0.5670

172.9211,
170.1465, 155.7591

 0.5903, 0.2750,
0.0000

212.2021,

 0.0000, 0.0000,

209.7314, 194.3148

0.0000

257.0223,
255.0239, 238.7597

■ 33.0977, 30.9718,
24.6558

■ 33.0977, 30.9718,
24.6558

■ 30.0934, 26.7201,
18.2381

■ 36.5692, 35.8101,
32.3017

■ 27.5334, 23.0281,
12.9822

■ 40.5249, 41.2518,
41.2338

■ 25.3962, 19.8732,
8.8183

■ 44.9837, 47.3187,
51.5084

■ 23.6574, 17.2295,
5.6682

■ 49.9628, 54.0299,
63.1780

■ 22.2902, 15.0689,
3.4432

■ 55.4786, 61.4039,
76.2924

■ 21.2636, 13.3603,
2.0390

■ 61.5467, 69.4583,
90.8988

■ 20.5288, 12.0681,
1.2474

■ 68.0043, 78.1389,
106.1059

■ 72.1159, 86.3623,
107.4764

■ 73.3384, 88.8073,
107.8839

Harmonies

Analogous

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



34.5005, 30.9718, 30.2056



33.0977, 30.9718, 24.6558



30.7527, 30.9718, 21.7777

Triad

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



33.0977, 30.9718, 24.6558



24.9015, 30.9718, 30.1464



30.7298, 30.9718, 49.4130

Complementary

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



33.0977, 30.9718, 24.6558



31.6368, 36.3828, 50.1549

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.



28.1609, 30.9718, 49.3909



33.0977, 30.9718, 24.6558



24.8962, 30.9718, 37.5034

Square

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



33.0977, 30.9718, 24.6558



26.0731, 30.9718, 24.6180



26.0581, 30.9718, 44.7784



33.0801, 30.9718, 44.8348

Rectangle

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



33.0977, 30.9718, 24.6558



29.0186, 30.9718, 21.4494



26.0581, 30.9718, 44.7784



29.8609, 30.9718, 49.9628

Sweetspot

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



33.0985, 30.9732, 24.6564



73.2649, 74.8184, 75.4146



34.4327, 28.3799, 41.3225



15.9397, 16.1938, 16.1037



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.



33.0985, 30.9732, 24.6564



55.6666, 50.3745, 36.3990



37.6594, 40.0950, 26.1767



9.1855, 9.3740, 9.4321



14.3689, 8.5142, 0.8861



0.5578, 0.4026, 0.0483

Inverse Universe

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



31.6368, 36.3828, 50.1549



52.6206, 61.5882, 89.3500



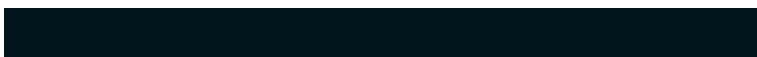
27.0855, 27.2801, 48.6378



9.0679, 9.8130, 11.4956



12.2017, 14.8631, 33.4788



0.4767, 0.6170, 1.1957

Previews

White Background



This preview shows how the XYZ color 33.0977, 30.9718, 24.6558 looks on a white background.

Color Contrast Check

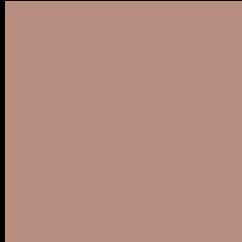
Large Text (above 18pt) WCAG AA × Fail

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 33.0977, 30.9718, 24.6558 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 ✓ Pass

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

XYZ 33.0977, 30.9718, 24.6558

Background



This preview shows how black text looks on a background with the XYZ color 33.0977, 30.9718, 24.6558.



This preview shows how white text looks on a background with the XYZ color 33.0977, 30.9718,

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

33.0977, 30.9718, 24.6558

Protanopia

29.3320, 31.0683, 26.2806

Deuteranopia

31.5652, 31.0887, 24.4157



Tritanopia

34.7452, 30.9815, 33.0029

Trichromacy



Original Color

33.0977, 30.9718, 24.6558

Protanomaly

30.6230, 31.0340, 25.8489

Deuteranomaly

32.0876, 31.1302, 24.3962

Tritanomaly

34.0277, 30.8995, 29.7619

Monochromacy



Original Color

33.0977, 30.9718, 24.6558

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.0913, 31.4010, 30.8079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0977, 30.9718, 24.6558 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, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 142, 128)  
}
```

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, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 142, 128) }
```

Border

The CSS property to change the border of an element to XYZ 33.0977, 30.9718, 24.6558 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, 142, 128) }
```


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

```
.border{ border-color:rgb(183, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(183, 142,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0977, 30.9718, 24.6558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 142, 128) }
```

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

```
.background{ background-color: rgb(183,  
142, 128) }
```

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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