

Converting Colors

XYZ(32.8673, 30.3098, 23.0122)

Have a look what the booklet for
XYZ(32.8673, 30.3098, 23.0122)
contains.

XYZ(32.8154, 30.2096, 22.8404)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.8154, 30.2096,
22.8404)**

Conversions

Conversions Part 1

Format	Color
Hex	B98B7B
RGB	185, 139, 123
RGB Percent	73%, 55%, 48%
CMY	0.2745, 0.4549, 0.5176
CMYK	0.00, 0.25, 0.34, 0.27
HSL	15°, 31%, 60%
HSV	15°, 34%, 73%
XYZ	32.8154, 30.2096, 22.8404
YIQ	150.9300, 32.5520, 4.7760

Conversions

Conversions Part 2

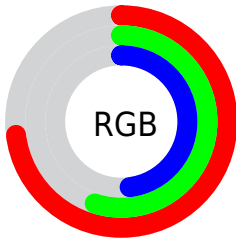
Format	Color
RYB	185, 145, 123
Decimal	12159867
CIELab	61.83, 15.27, 15.36
CIELCh	62, 21.661, 45.171
Yxy	30.2096, 0.3822, 0.3518
Android (android.graphics.Color)	4290349947 (0xFFB98B7B)
YUV	150.9300, -13.7695, 29.8794
Hunter-Lab	54.9633, 10.3864, 13.8359

Details

The XYZ color **32.8154, 30.2096, 22.8404** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1129, 36.0886, 51.2251**, and the grayscale version is **29.4334, 30.9663, 33.7223**.

A 20% lighter version of the original color is **63.5244, 60.1518, 49.3366**, and **14.0143, 12.3850, 8.1305** is the 20% darker color. If you saturate the color by 10%, you get **29.9010, 26.0623, 16.6851**, and if you desaturate by 10%, it is **36.1998, 34.9464, 30.2327**.

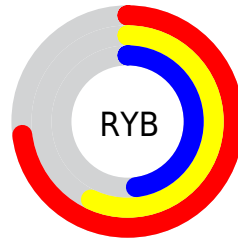
Distribution



Red (73%)

Green (55%)

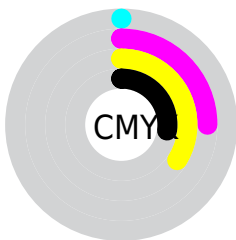
Blue (48%)



Red (73%)

Yellow (57%)

Blue (48%)

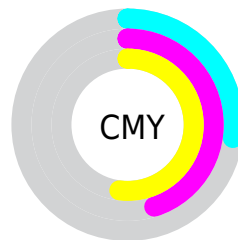


Cyan (0%)

Magenta (25%)

Yellow (34%)

Black (27%)



Cyan (27%)


Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8154, 30.2096, 22.8404 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 32.8154, 30.2096, 22.8404 by changing the saturation by 10% instead.


 32.8154, 30.2096,
22.8404


 32.8154, 30.2096,
22.8404


306.4968,
302.8802, 279.9995

 22.1436, 19.9977,
14.2715


 63.4438, 59.9935,
49.0510

 14.0797, 12.3934,
8.1688


 84.1312, 80.3343,
67.5298

 8.2582, 7.0122,
4.1139


 108.8878,
104.8202, 90.1490

 4.3138, 3.4697,
1.6880

138.0790,
133.8356, 117.3271

 1.8811, 1.3816,
0.3525

172.0701,
167.7650, 149.4826

 0.5658, 0.2031,
0.0000

211.2266,

 0.0000, 0.0000,

206.9926, 187.0342

0.0000

255.9137,
251.9029, 230.4003

■ 32.8154, 30.2096,
22.8404

■ 32.8154, 30.2096,
22.8404

■ 29.9010, 26.0623,
16.6851

■ 36.1998, 34.9464,
30.2327

■ 27.4326, 22.4767,
11.6969

■ 40.0719, 40.2903,
38.9231

■ 25.3877, 19.4293,
7.8015

■ 44.4514, 46.2636,
48.9708

■ 23.7406, 16.8932,
4.9153

■ 49.3562, 52.8863,
60.4309

■ 22.4625, 14.8388,
2.9424

■ 54.8033, 60.1771,
73.3552

■ 21.5202, 13.2333,
1.7679

■ 60.8089, 68.1544,
87.7931

■ 21.0545, 12.4081,
1.2853

■ 67.3885, 76.8356,
103.7916

■ 71.8723, 85.1636,
107.2579

■ 73.8177, 89.0543,
107.9063

Harmonies

Analogous

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



34.4226, 30.2096, 28.8982



32.8154, 30.2096, 22.8404



30.1604, 30.2096, 19.7731

Triad

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



32.8154, 30.2096, 22.8404



23.6655, 30.2096, 28.9827



30.1936, 30.2096, 50.7855

Complementary

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



32.8154, 30.2096, 22.8404



31.1129, 36.0886, 51.2251

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.



27.3133, 30.2096, 50.8184



32.8154, 30.2096, 22.8404



23.6730, 30.2096, 37.2402

Square

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



32.8154, 30.2096, 22.8404



24.9467, 30.2096, 22.8933



24.9682, 30.2096, 45.5322



32.8411, 30.2096, 45.4486

Rectangle

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



32.8154, 30.2096, 22.8404



28.2149, 30.2096, 19.4433



24.9682, 30.2096, 45.5322



29.2175, 30.2096, 51.4432

Sweetspot

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



32.8162, 30.2110, 22.8410



74.2925, 75.6153, 75.4625



34.2993, 27.3640, 41.2570



15.7868, 15.9877, 15.7450



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.



32.8162, 30.2110, 22.8410



54.9616, 48.6967, 32.8161



37.8641, 40.3069, 24.5237



9.1881, 9.3791, 9.4330



14.3873, 8.5509, 0.8922



0.5588, 0.4048, 0.0487

Inverse Universe

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



31.1129, 36.0886, 51.2251



51.4418, 60.7625, 91.2217



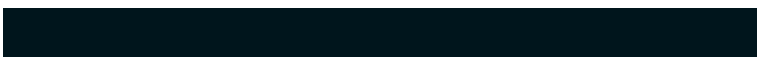
26.0861, 26.0349, 49.5495



9.0652, 9.8076, 11.4947



12.1390, 14.7377, 33.4579



0.4749, 0.6134, 1.1951

Previews

White Background



This preview shows how the XYZ color 32.8154, 30.2096, 22.8404 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 32.8154, 30.2096, 22.8404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

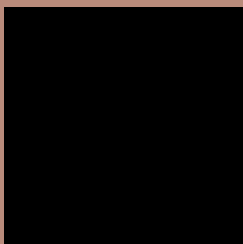
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.8154, 30.2096, 22.8404

Background



This preview shows how black text looks on a background with the XYZ color 32.8154, 30.2096, 22.8404.



This preview shows how white text looks on a background with the XYZ color 32.8154, 30.2096,

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

32.8154, 30.2096, 22.8404

Protanopia

28.5484, 30.2215, 24.7507

Deuteranopia

30.9417, 30.3503, 22.6398



Tritanopia

34.4860, 30.2484, 31.2151

Trichromacy



Original Color

32.8154, 30.2096, 22.8404

Protanomaly

29.8276, 29.9726, 23.9519

Deuteranomaly

31.5460, 30.2161, 22.5820

Tritanomaly

33.7828, 30.1654, 28.0867

Monochromacy



Original Color

32.8154, 30.2096, 22.8404

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3457, 30.5771, 29.5019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8154, 30.2096, 22.8404 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(185, 139, 123)` looks like.

```
.text, #text, p{  
    color:rgb(185, 139, 123)  
}
```

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(185, 139, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 139, 123) }
```

Border

The CSS property to change the border of an element to XYZ 32.8154, 30.2096, 22.8404 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(185, 139, 123) }
```


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

```
.border{ border-color:rgb(185, 139, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 139, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 139, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 139, 123);  
box-shadow:4px 4px 4px 4px rgb(185, 139,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8154, 30.2096, 22.8404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 139, 123) }
```

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

```
.background{ background-color: rgb(185,  
139, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor