

Converting Colors

XYZ(30.2355, 28.9266, 24.4936)

Have a look what the booklet for
XYZ(30.2355, 28.9266, 24.4936)
contains.

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Color

**XYZ(30.1422, 28.7944,
24.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8B80
RGB	172, 139, 128
RGB Percent	67%, 55%, 50%
CMY	0.3255, 0.4549, 0.4980
CMYK	0.00, 0.19, 0.26, 0.33
HSL	15°, 21%, 59%
HSV	15°, 26%, 67%
XYZ	30.1422, 28.7944, 24.3913
YIQ	147.6130, 23.1990, 3.5750

Conversions

Conversions Part 2

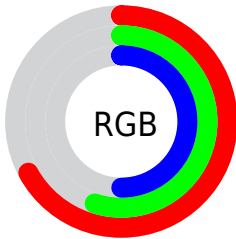
Format	Color
R_{YB}	172, 143, 128
Decimal	11307904
CIE Lab	60.60, 10.80, 10.60
CIE LCh	61, 15.133, 44.476
Yxy	28.7944, 0.3617, 0.3456
Android (android.graphics.Color)	4289497984 (0xFFAC8B80)
YUV	147.6130, -9.6692, 21.3874
Hunter-Lab	53.6604, 6.3615, 10.6121

Details

The XYZ color **30.1422, 28.7944, 24.3913** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.0931, 33.0567, 43.8772**, and the grayscale version is **28.0200, 29.4792, 32.1029**.

A 20% lighter version of the original color is **59.4054, 57.9701, 51.7744**, and **12.5914, 11.6312, 8.9785** is the 20% darker color. If you saturate the color by 10%, you get **27.3460, 24.8627, 18.3393**, and if you desaturate by 10%, it is **33.3522, 33.2463, 31.5288**.

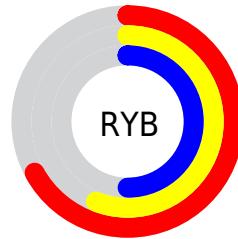
Distribution



Red (67%)

Green (55%)

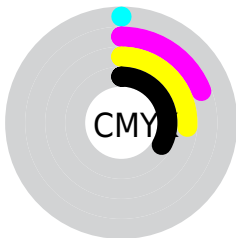
Blue (50%)



Red (67%)

Yellow (56%)

Blue (50%)

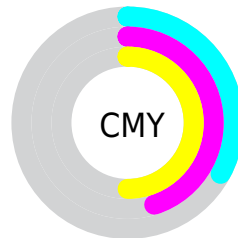


Cyan (0%)

Magenta (19%)

Yellow (26%)

Black (33%)



Cyan (33%)

Magenta (45%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1422, 28.7944, 24.3913 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 30.1422, 28.7944, 24.3913 by changing the saturation by 10% instead.

■ 30.1422, 28.7944,
24.3913

■ 30.1422, 28.7944,
24.3913

294.4647,
296.2436, 288.1428

■ 20.0952, 18.9253,
15.4093

■ 59.2721, 57.7503,
51.6198

■ 12.5729, 11.6163,
8.9573

■ 79.0856, 77.6059,
70.7034

■ 7.2101, 6.4830,
4.6169

■ 102.8854,
101.5591, 93.9912

■ 3.6413, 3.1409,
1.9695

131.0367,
129.9944, 121.9018

■ 1.5013, 1.2058,
0.5364

163.9049,
163.2961, 154.8537

■ 0.3267, 0.0664,
0.0000

201.8554,

■ 0.0000, 0.0000,

201.8486, 193.2655

0.0000

245.2535,
246.0363, 237.5557

■ 30.1422, 28.7944,
24.3913

■ 30.1422, 28.7944,
24.3913

■ 27.3460, 24.8627,
18.3393

■ 33.3522, 33.2463,
31.5288

■ 24.9441, 21.4281,
13.3174

■ 36.9901, 38.2325,
39.7997

■ 22.9186, 18.4716,
9.2682

■ 41.0719, 43.7715,
49.2514

■ 21.2494, 15.9714,
6.1279

■ 45.6122, 49.8799,
59.9278

■ 19.9143, 13.9039,
3.8247

■ 50.6249, 56.5734,
71.8708

■ 18.8883, 12.2432,
2.2761

■ 56.1233, 63.8670,
85.1201

■ 18.1414, 10.9601,
1.3776

■ 62.1202, 71.7754,
99.7139

■ 17.8777, 10.4994,
1.0843

■ 66.8734, 79.6108,
106.4496

■ 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



31.1760, 28.7944, 28.7345



30.1422, 28.7944, 24.3913



28.3878, 28.7944, 22.0721

Triad

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



30.1422, 28.7944, 24.3913



23.9001, 28.7944, 28.5553



28.3197, 28.7944, 42.9882

Complementary

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



30.1422, 28.7944, 24.3913



29.0931, 33.0567, 43.8772

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.



26.3733, 28.7944, 42.9253



30.1422, 28.7944, 24.3913



23.8838, 28.7944, 34.1242

Square

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



30.1422, 28.7944, 24.3913



24.8154, 28.7944, 24.2736



24.7699, 28.7944, 39.5255



30.0903, 28.7944, 39.6884

Rectangle

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



30.1422, 28.7944, 24.3913



27.0756, 28.7944, 21.7882



24.7699, 28.7944, 39.5255



27.6630, 28.7944, 43.3710

Sweetspot

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



30.1430, 28.7957, 24.3919



65.3384, 66.9467, 68.1566



31.1658, 26.7826, 37.2455



13.9843, 14.2546, 14.3211



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1430, 28.7957, 24.3919



51.5640, 47.8658, 37.4595



33.6547, 35.8192, 25.5625



8.1619, 8.3287, 8.3908



13.3418, 7.8891, 0.8196



0.4145, 0.3062, 0.0372

Inverse Universe

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



29.0931, 33.0567, 43.8772



49.3088, 56.9834, 79.2058



25.5815, 26.0334, 42.7067



8.0642, 8.7277, 10.2123



11.4271, 13.9881, 31.1422



0.3579, 0.4691, 0.8797

Previews

White Background



This preview shows how the XYZ color 30.1422, 28.7944, 24.3913 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 30.1422, 28.7944, 24.3913 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 30.1422, 28.7944, 24.3913

Background



This preview shows how black text looks on a background with the XYZ color 30.1422, 28.7944, 24.3913.



This preview shows how white text looks on a background with the XYZ color 30.1422, 28.7944,

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

30.1422, 28.7944, 24.3913

Protanopia

27.3926, 28.8991, 25.9641

Deuteranopia

29.3575, 28.8238, 24.4383



Tritanopia

31.5262, 28.7136, 31.4844

Trichromacy



Original Color

30.1422, 28.7944, 24.3913

Protanomaly

28.2173, 28.6545, 25.5164

Deuteranomaly

29.6366, 28.7497, 24.4093

Tritanomaly

30.9129, 28.6690, 28.7153

Monochromacy



Original Color

30.1422, 28.7944, 24.3913

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.8377, 29.3420, 29.3430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1422, 28.7944, 24.3913 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(172, 139, 128)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 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(172, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.1422, 28.7944, 24.3913 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(172, 139, 128) }
```


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

```
.border{ border-color:rgb(172, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1422, 28.7944, 24.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 128) }
```

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

```
.background{ background-color: rgb(172,  
139, 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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