

Converting Colors

XYZ(31.0094, 28.4612, 24.1816)

Have a look what the booklet for
XYZ(31.0094, 28.4612, 24.1816)
contains.

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Color

**XYZ(30.9204, 28.3514,
24.2648)**

Conversions

Conversions Part 1

Format	Color
Hex	B28780
RGB	178, 135, 128
RGB Percent	70%, 53%, 50%
CMY	0.3020, 0.4706, 0.4980
CMYK	0.00, 0.24, 0.28, 0.30
HSL	8°, 25%, 60%
HSV	8°, 28%, 70%
XYZ	30.9204, 28.3514, 24.2648
YIQ	147.0590, 27.8750, 6.9390

Conversions

Conversions Part 2

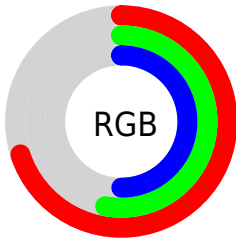
Format	Color
RYB	178, 136, 128
Decimal	11700096
CIELab	60.20, 15.41, 10.13
CIElCh	60, 18.442, 33.325
Yxy	28.3514, 0.3701, 0.3394
Android (android.graphics.Color)	4289890176 (0xFFB28780)
YUV	147.0590, -9.3961, 27.1353
Hunter-Lab	53.2460, 10.4758, 10.2531

Details

The XYZ color **30.9204, 28.3514, 24.2648** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5006, 36.9285, 47.5874**, and the grayscale version is **27.7877, 29.2349, 31.8368**.

A 20% lighter version of the original color is **60.5847, 56.9648, 51.5182**, and **12.9720, 11.3466, 8.9036** is the 20% darker color. If you saturate the color by 10%, you get **27.8658, 23.9555, 17.9645**, and if you desaturate by 10%, it is **34.4892, 33.4463, 31.7511**.

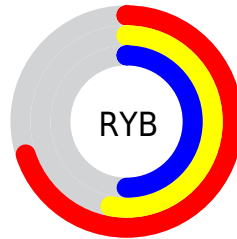
Distribution



Red (70%)

Green (53%)

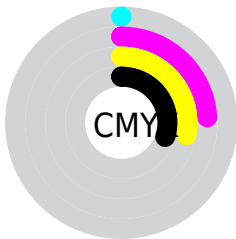
Blue (50%)



Red (70%)

Yellow (53%)

Blue (50%)

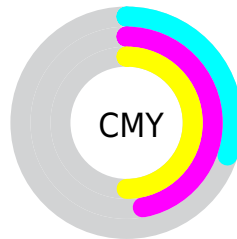


Cyan (0%)

Magenta (24%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (47%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9204, 28.3514, 24.2648 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 30.9204, 28.3514, 24.2648 by changing the saturation by 10% instead.


 30.9204, 28.3514,
24.2648

 30.9204, 28.3514,
24.2648


298.0049,
294.1422, 287.4861

 20.6898, 18.5907,
15.3162


 60.4914, 57.0450,
51.4112

 13.0086, 11.3749,
8.8925


 80.5625, 76.7467,
70.4460

 7.5115, 6.3196,
4.5753


 104.6445,
100.5308, 93.6800

 3.8332, 3.0404,
1.9459

133.1027,
128.7818, 121.5317

 1.6082, 1.1529,
0.5217

166.3025,
161.8841, 154.4196

 0.3977, 0.0227,
0.0000

204.6092,

 0.0000, 0.0000,

200.2220, 192.7623

0.0000

248.3882,
244.1799, 236.9782

■ 30.9204, 28.3514,
24.2648

■ 30.9204, 28.3514,
24.2648

■ 27.8658, 23.9555,
17.9645

■ 34.4892, 33.4463,
31.7511

■ 25.2993, 20.2242,
12.7876

■ 38.5920, 39.2648,
40.4783

■ 23.1959, 17.1263,
8.6684

■ 43.2506, 45.8350,
50.4998

■ 21.5277, 14.6262,
5.5334

■ 48.4847, 53.1825,
61.8653

■ 20.2633, 12.6852,
3.3000

■ 54.3132, 61.3316,
74.6222

■ 19.3673, 11.2595,
1.8718

■ 60.7539, 70.3056,
88.8153

■ 18.7907, 10.2962,
1.0946

■ 67.8240, 80.1267,
104.4874

■ 18.7064, 10.1574,
0.9746

■ 72.1702, 88.2050,
107.8292

Harmonies

Analogous

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



31.7371, 28.3514, 30.1219



30.9204, 28.3514, 24.2648



29.0366, 28.3514, 20.6502

Triad

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



30.9204, 28.3514, 24.2648



23.0914, 28.3514, 25.3943



27.2113, 28.3514, 45.7505

Complementary

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



30.9204, 28.3514, 24.2648



31.5006, 36.9285, 47.5874

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.



24.9605, 28.3514, 44.0033



30.9204, 28.3514, 24.2648



22.6651, 28.3514, 31.6301

Square

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



30.9204, 28.3514, 24.2648



24.5296, 28.3514, 21.2324



23.3298, 28.3514, 38.5764



29.5185, 28.3514, 43.0551

Rectangle

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



30.9204, 28.3514, 24.2648



27.4782, 28.3514, 19.6752



23.3298, 28.3514, 38.5764



26.4230, 28.3514, 45.6644

Sweetspot

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



30.9212, 28.3527, 24.2654



69.9449, 71.1489, 73.3213



33.4621, 27.8567, 42.3084



15.2356, 15.3943, 15.6871



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.



30.9212, 28.3527, 24.2654



52.3693, 46.0930, 36.3400



34.7698, 36.0501, 25.5483



8.5892, 8.6909, 8.8773



13.4130, 7.3246, 0.7068



0.4521, 0.2906, 0.0323

Inverse Universe

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



31.5006, 36.9285, 47.5874



53.5947, 64.3288, 85.9731



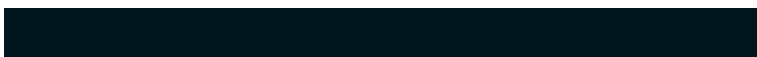
27.2687, 28.4646, 46.1768



8.6392, 9.4246, 10.8701



13.9429, 18.6861, 33.0089



0.4665, 0.6434, 1.0479

Previews

White Background



This preview shows how the XYZ color 30.9204, 28.3514, 24.2648 looks on a white background.

Color Contrast Check

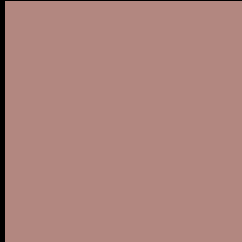
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9204, 28.3514, 24.2648 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 30.9204, 28.3514, 24.2648

Background



This preview shows how black text looks on a background with the XYZ color 30.9204, 28.3514, 24.2648.



This preview shows how white text looks on a background with the XYZ color 30.9204, 28.3514,

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

30.9204, 28.3514, 24.2648

Protanopia

27.1215, 28.5236, 26.2664

Deuteranopia

28.9347, 28.3955, 24.0345



Tritanopia

32.1678, 28.4615, 29.7848

Trichromacy



Original Color

30.9204, 28.3514, 24.2648

Protanomaly

28.3196, 28.2655, 25.4359

Deuteranomaly

29.4968, 28.2553, 23.9778

Tritanomaly

31.7029, 28.4689, 27.8689

Monochromacy



Original Color

30.9204, 28.3514, 24.2648

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.6566, 28.8075, 28.8610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9204, 28.3514, 24.2648 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(178, 135, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 135, 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(178, 135, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 135, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.9204, 28.3514, 24.2648 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(178, 135, 128) }
```


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

```
.border{ border-color:rgb(178, 135, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 135, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 135, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 135, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 135,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9204, 28.3514, 24.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 135, 128) }
```

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

```
.background{ background-color: rgb(178,  
135, 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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