

Converting Colors

XYZ(31.3774, 29.2235, 24.8729)

Have a look what the booklet for
XYZ(31.3774, 29.2235, 24.8729)
contains.

XYZ(31.4110, 29.2269, 24.7547)	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(31.4110, 29.2269,
24.7547)**

Conversions

Conversions Part 1

Format	Color
Hex	B28A81
RGB	178, 138, 129
RGB Percent	70%, 54%, 51%
CMY	0.3020, 0.4588, 0.4941
CMYK	0.00, 0.22, 0.28, 0.30
HSL	11°, 24%, 60%
HSV	11°, 28%, 70%
XYZ	31.4110, 29.2269, 24.7547
YIQ	148.9340, 26.7290, 5.6810

Conversions

Conversions Part 2

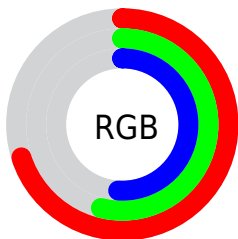
Format	Color
RYB	178, 140, 129
Decimal	11700865
CIELab	60.98, 13.87, 10.66
CIElCh	61, 17.495, 37.541
Yxy	29.2269, 0.3678, 0.3423
Android (android.graphics.Color)	4289890945 (0xFFB28A81)
YUV	148.9340, -9.8275, 25.4909
Hunter-Lab	54.0619, 9.1036, 10.6947

Details

The XYZ color **31.4110, 29.2269, 24.7547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2767, 36.2563, 47.4693**, and the grayscale version is **28.5721, 30.0601, 32.7354**.

A 20% lighter version of the original color is **61.2248, 58.5691, 52.3340**, and **13.2499, 11.8437, 9.1771** is the 20% darker color. If you saturate the color by 10%, you get **28.3825, 24.9012, 18.4075**, and if you desaturate by 10%, it is **34.9261, 34.1955, 32.2816**.

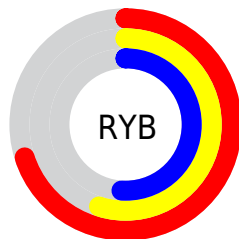
Distribution



Red (70%)

Green (54%)

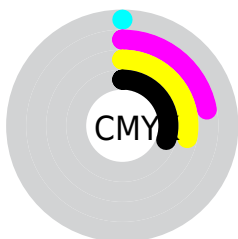
Blue (51%)



Red (70%)

Yellow (55%)

Blue (51%)

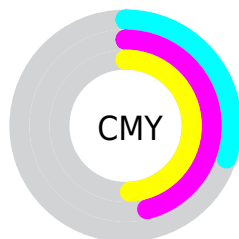


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (30%)



Cyan (30%)


Magenta (46%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4110, 29.2269, 24.7547 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 31.4110, 29.2269, 24.7547 by changing the saturation by 10% instead.


 31.4110, 29.2269,
24.7547


 31.4110, 29.2269,
24.7547


300.2205,
298.2840, 290.0226

 21.0654, 19.2525,
15.6770

 61.2580, 58.4374,
52.2182

 13.2845, 11.8529,
9.1440


 81.4901, 78.4423,
71.4411

 7.7031, 6.6436,
4.7372


 105.7484,
102.5595, 94.8828

 3.9558, 3.2402,
2.0379

134.3983,
131.1735, 122.9618

 1.6771, 1.2584,
0.5784

167.8051,
164.6685, 156.0968

 0.4419, 0.1086,
0.0000

206.3342,

 0.0000, 0.0000,

203.4290, 194.7062

0.0000

250.3509,
247.8394, 239.2087

■ 31.4110, 29.2269,
24.7547

■ 31.4110, 29.2269,
24.7547

■ 28.3825, 24.9012,
18.4075

■ 34.9261, 34.1955,
32.2816

■ 25.8166, 21.1882,
13.1784

■ 38.9457, 39.8277,
41.0421

■ 23.6907, 18.0610,
9.0025

■ 43.4898, 46.1482,
51.0890

■ 21.9792, 15.4893,
5.8078

■ 48.5764, 53.1794,
62.4713

■ 20.6541, 13.4400,
3.5132

■ 54.2229, 60.9424,
75.2357

■ 19.6832, 11.8764,
2.0242

■ 60.4456, 69.4576,
89.4264

■ 19.0242, 10.7546,
1.1995

■ 67.2604, 78.7446,
105.0857

■ 18.8959, 10.5365,
1.0378

■ 71.9279, 87.7205,
107.7485

■ 72.1701, 88.2050,
107.8292

Harmonies

Analogous

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



32.3669, 29.2269, 30.2000



31.4110, 29.2269, 24.7547



29.4919, 29.2269, 21.5527

Triad

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



31.4110, 29.2269, 24.7547



23.9133, 29.2269, 27.2538



28.3599, 29.2269, 45.9993

Complementary

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



31.4110, 29.2269, 24.7547



31.2767, 36.2563, 47.4693

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.



26.1343, 29.2269, 44.9268



31.4110, 29.2269, 24.7547



23.6471, 29.2269, 33.5034

Square

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



31.4110, 29.2269, 24.7547



25.1870, 29.2269, 22.8517



24.4389, 29.2269, 40.1233



30.5436, 29.2269, 42.8803

Rectangle

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



31.4110, 29.2269, 24.7547



27.9682, 29.2269, 20.8338



24.4389, 29.2269, 40.1233



27.5912, 29.2269, 46.1238

Sweetspot

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



31.4118, 29.2283, 24.7553



70.1533, 71.5657, 73.3908



33.3736, 28.0310, 41.1960



15.2893, 15.5017, 15.7050



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.



31.4118, 29.2283, 24.7553



53.5406, 48.1255, 37.6865



35.3284, 37.0614, 26.0608



8.6185, 8.7495, 8.8871



13.5548, 7.6082, 0.7541



0.4642, 0.3148, 0.0363

Inverse Universe

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



31.2767, 36.2563, 47.4693



53.2473, 62.9766, 85.7304



27.1411, 27.9852, 46.0908



8.6073, 9.3607, 10.8595



13.0691, 16.9385, 32.7176



0.4457, 0.6019, 1.0409

Previews

White Background



This preview shows how the XYZ color 31.4110, 29.2269, 24.7547 looks on a white background.

Color Contrast Check

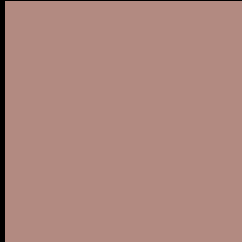
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4110, 29.2269, 24.7547 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 31.4110, 29.2269, 24.7547

Background



This preview shows how black text looks on a background with the XYZ color 31.4110, 29.2269, 24.7547.



This preview shows how white text looks on a background with the XYZ color 31.4110, 29.2269,

24.7547.

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

31.4110, 29.2269, 24.7547

Protanopia

27.8737, 29.3610, 26.7524

Deuteranopia

29.9315, 29.3395, 24.5076



Tritanopia

32.6747, 29.1066, 31.0901

Trichromacy



Original Color

31.4110, 29.2269, 24.7547

Protanomaly

29.0384, 29.2938, 25.9536

Deuteranomaly

30.4344, 29.3789, 24.4887

Tritanomaly

32.1282, 29.0855, 28.7317

Monochromacy



Original Color

31.4110, 29.2269, 24.7547

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.5051, 29.6774, 29.7644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4110, 29.2269, 24.7547 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, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(178, 138, 129)  
}
```

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, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 138, 129) }
```

Border

The CSS property to change the border of an element to XYZ 31.4110, 29.2269, 24.7547 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, 138, 129) }
```


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

```
.border{ border-color:rgb(178, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(178, 138,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4110, 29.2269, 24.7547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 138, 129) }
```

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

```
.background{ background-color: rgb(178,  
138, 129) }
```

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