

Converting Colors

XYZ(31.1059, 29.1837, 28.3821)

Have a look what the booklet for
XYZ(31.1059, 29.1837, 28.3821)
contains.

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Color

**XYZ(31.1264, 29.2136,
28.4243)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8B8B
RGB	173, 139, 139
RGB Percent	68%, 55%, 55%
CMY	0.3216, 0.4549, 0.4549
CMYK	0.00, 0.20, 0.20, 0.32
HSL	0°, 17%, 61%
HSV	0°, 20%, 68%
XYZ	31.1264, 29.2136, 28.4243
YIQ	149.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

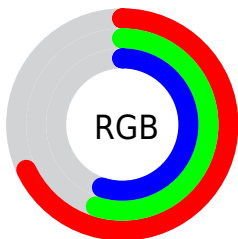
Format	Color
R_{YB}	173, 139, 139
Decimal	11373451
CIE _{Lab}	60.97, 12.88, 4.88
CIE _{LCh}	61, 13.770, 20.774
Yxy	29.2136, 0.3507, 0.3291
Android (android.graphics.Color)	4289563531 (0xFFAD8B8B)
YUV	149.1660, -5.0118, 20.9024
Hunter-Lab	54.0496, 8.2088, 6.6545

Details

The XYZ color **31.1264, 29.2136, 28.4243** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1334, 38.3921, 45.1995**, and the grayscale version is **28.6521, 30.1442, 32.8271**.

A 20% lighter version of the original color is **60.8975, 58.6037, 57.9712**, and **13.1213, 11.8591, 11.0487** is the 20% darker color. If you saturate the color by 10%, you get **27.6515, 24.1291, 21.5153**, and if you desaturate by 10%, it is **35.1993, 35.1734, 36.5202**.

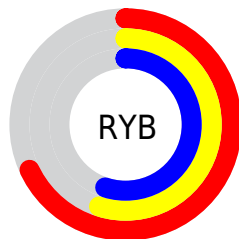
Distribution



Red (68%)

Green (55%)

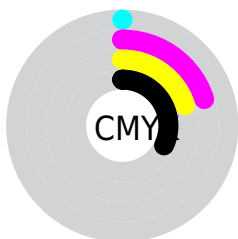
Blue (55%)



Red (68%)

Yellow (55%)

Blue (55%)

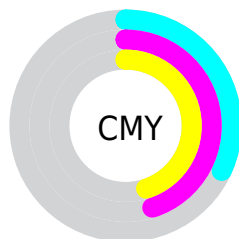


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1264, 29.2136, 28.4243 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 31.1264, 29.2136, 28.4243 by changing the saturation by 10% instead.

■ 31.1264, 29.2136,
28.4243

■ 31.1264, 29.2136,
28.4243

298.9367,
298.2215, 308.4643

■ 20.8474, 19.2425,
18.4039

■ 60.8135, 58.4163,
58.1924

■ 13.1243, 11.8456,
11.0679

■ 80.9523, 78.4166,
78.7772

■ 7.5918, 6.6386,
5.9978

■ 105.1085,
102.5288, 103.7205

■ 3.8845, 3.2372,
2.7750

133.6474,
131.1373, 133.4409

■ 1.6370, 1.2568,
0.9809

166.9342,
164.6264, 168.3570

■ 0.4163, 0.1073,
0.0000

205.3345,

■ 0.0000, 0.0000,

203.3805, 208.8872

0.0000

249.2136,
247.7841, 255.4502

■ 31.1264, 29.2136,
28.4243

■ 31.1264, 29.2136,
28.4243

■ 27.6515, 24.1291,
21.5153

■ 35.1993, 35.1734,
36.5202

■ 24.7443, 19.8749,
15.7358

■ 39.8939, 42.0429,
45.8532

■ 22.3752, 16.4082,
11.0262

■ 45.2355, 49.8591,
56.4727

■ 20.5113, 13.6808,
7.3210

■ 51.2476, 58.6563,
68.4250

■ 19.1159, 11.6388,
4.5473

■ 57.9521, 68.4667,
81.7541

■ 18.1474, 10.2216,
2.6223

■ 65.3702, 79.3211,
96.5018

■ 17.5570, 9.3576,
1.4488

■ 71.0437, 87.6243,
107.7765

■ 17.2437, 8.8990,
0.8261

■ 17.2339, 8.8847,
0.8066

Harmonies

Analogous

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



31.3211, 29.2136, 33.4228



31.1264, 29.2136, 28.4243



30.0110, 29.2136, 24.7381

Triad

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



31.1264, 29.2136, 28.4243



25.1735, 29.2136, 25.9488



27.2160, 29.2136, 42.6177

Complementary

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



31.1264, 29.2136, 28.4243



33.1334, 38.3921, 45.1995

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.



25.6371, 29.2136, 40.1123



31.1264, 29.2136, 28.4243



24.4918, 29.2136, 30.2473

Square

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



31.1264, 29.2136, 28.4243



26.5583, 29.2136, 23.4197



24.6578, 29.2136, 35.4515



29.0111, 29.2136, 41.9940

Rectangle

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



31.1264, 29.2136, 28.4243



28.9208, 29.2136, 23.3452



24.6578, 29.2136, 35.4515



26.6436, 29.2136, 42.1042

Sweetspot

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



31.1272, 29.2149, 28.4249



65.8932, 67.1687, 71.0779



34.0093, 30.3669, 43.6043



14.2092, 14.4350, 15.2264



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.



31.1272, 29.2149, 28.4249



52.6499, 47.7902, 44.7501



33.7825, 34.5255, 29.3100



8.0053, 8.0155, 8.3386



12.6608, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



33.1334, 38.3921, 45.1995



56.9660, 67.5339, 80.8387



30.0790, 32.2833, 44.1813



8.2363, 9.0720, 10.2697



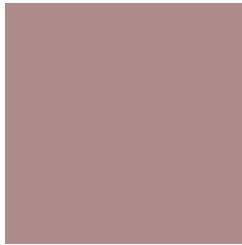
16.5171, 24.1680, 32.8389



0.4595, 0.6724, 0.9135

Previews

White Background



This preview shows how the XYZ color 31.1264, 29.2136, 28.4243 looks on a white background.

Color Contrast Check

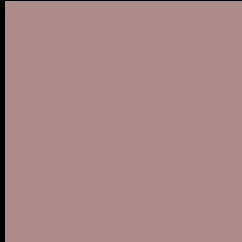
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.1264, 29.2136, 28.4243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

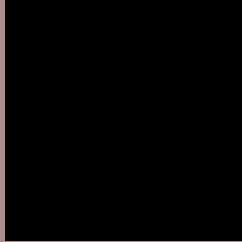
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.1264, 29.2136, 28.4243

Background



This preview shows how black text looks on a background with the XYZ color 31.1264, 29.2136, 28.4243.



This preview shows how white text looks on a background with the XYZ color 31.1264, 29.2136,

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

31.1264, 29.2136, 28.4243

Protanopia

28.1541, 29.4299, 30.1833

Deuteranopia

29.7775, 29.1803, 28.1077



Tritanopia

31.8893, 29.3137, 31.9943

Trichromacy



Original Color

31.1264, 29.2136, 28.4243

Protanomaly

29.1538, 29.2704, 29.7044

Deuteranomaly

30.2608, 29.2096, 28.0879

Tritanomaly

31.6549, 29.2200, 30.7597

Monochromacy



Original Color

31.1264, 29.2136, 28.4243

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.3368, 29.5642, 30.9483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1264, 29.2136, 28.4243 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(173, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 139)  
}
```

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(173, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 139) }
```

Border

The CSS property to change the border of an element to XYZ 31.1264, 29.2136, 28.4243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

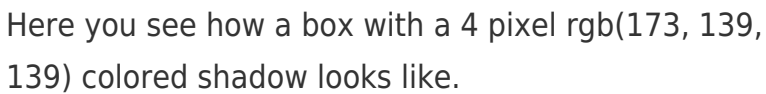
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 139, 139) }
```


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

```
.border{ border-color:rgb(173, 139, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 139, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 139, 139); box-shadow:4px 4px 4px 4px rgb(173, 139, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1264, 29.2136, 28.4243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 139) }
```

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

```
.background{ background-color: rgb(173,  
139, 139) }
```

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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