

Converting Colors

XYZ(29.1877, 24.9049, 24.7415)

Have a look what the booklet for
XYZ(29.1877, 24.9049, 24.7415)
contains.

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Color

**XYZ(29.1877, 24.9049,
24.7415)**

Conversions

Conversions Part 1

Format	Color
Hex	B17A83
RGB	177, 122, 131
RGB Percent	69%, 48%, 51%
CMY	0.3059, 0.5215, 0.4863
CMYK	0.00, 0.31, 0.26, 0.31
HSL	350°, 26%, 59%
HSV	350°, 31%, 69%
XYZ	29.1877, 24.9049, 24.7415
YIQ	139.4710, 29.8910, 14.4590

Conversions

Conversions Part 2

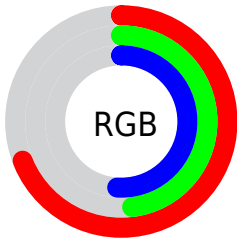
Format	Color
R_{YB}	177, 122, 131
Decimal	11631235
CIE _{Lab}	56.98, 22.75, 3.79
CIE _{LCh}	57, 23.064, 9.452
Yxy	24.9049, 0.3702, 0.3159
Android (android.graphics.Color)	4289821315 (0xFFB17A83)
YUV	139.4710, -4.1762, 32.9129
Hunter-Lab	49.9048, 17.0654, 5.5389

Details

The XYZ color **29.1877, 24.9049, 24.7415** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.8171, 38.4095, 42.8372**, and the grayscale version is **24.7304, 26.0183, 28.3340**.

A 20% lighter version of the original color is **57.9134, 51.6131, 52.2574**, and **12.0739, 9.5852, 9.1964** is the 20% darker color. If you saturate the color by 10%, you get **26.2763, 20.5747, 19.1693**, and if you desaturate by 10%, it is **32.6397, 30.0864, 31.2018**.

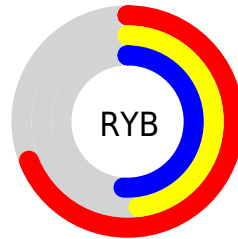
Distribution



Red (69%)

Green (48%)

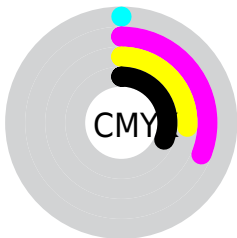
Blue (51%)



Red (69%)

Yellow (48%)

Blue (51%)

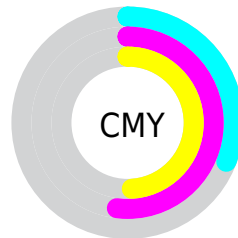


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1877, 24.9049, 24.7415 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 29.1877, 24.9049, 24.7415 by changing the saturation by 10% instead.

■ 29.1877, 24.9049,
24.7415

■ 29.1877, 24.9049,
24.7415

290.0778,
277.3640, 289.9545

■ 19.3679, 16.0062,
15.6673

■ 57.7707, 51.5029,
52.1965

■ 12.0420, 9.5286,
9.1372

■ 77.2645, 69.9710,
71.4143

■ 6.8447, 5.0875,
4.7328

■ 100.7137, 92.3977,
94.8504

■ 3.4106, 2.2987,
2.0354

128.4836,
119.1674, 122.9234

■ 1.3744, 0.7730,
0.5769

160.9397,
150.6645, 156.0518

■ 0.2379, 0.0000,
0.0000

198.4471,

■ 0.0000, 0.0000,

187.2734, 194.6540

0.0000

241.3714,
229.3784, 239.1488

■ 29.1877, 24.9049,
24.7415

■ 29.1877, 24.9049,
24.7415

■ 26.2763, 20.5747,
19.1693

■ 32.6397, 30.0864,
31.2018

■ 23.8760, 17.0470,
14.4447

■ 36.6557, 36.1577,
38.5854

■ 21.9572, 14.2730,
10.5263

■ 41.2605, 43.1593,
46.9273


■ 20.4869, 12.1977,
7.3683


■ 46.4766, 51.1281,
56.2602


■ 19.4274, 10.7582,
4.9206


■ 52.3252, 60.0989,
66.6153

 18.7349, 9.8803,
3.1264

 58.8268, 70.1049,
78.0224

 18.3527, 9.4356,
2.0134

 66.0007, 81.1777,
90.5101

 71.0588, 87.7340,
103.1703

 71.9415, 88.0871,
107.8185

Harmonies

Analogous

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



28.8891, 24.9049, 32.6950



29.1877, 24.9049, 24.7415



27.9236, 24.9049, 18.7028

Triad

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



29.1877, 24.9049, 24.7415



20.5147, 24.9049, 17.1559



21.8905, 24.9049, 43.6134

Complementary

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



29.1877, 24.9049, 24.7415



30.8171, 38.4095, 42.8372

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.



19.8743, 24.9049, 37.7387



29.1877, 24.9049, 24.7415



19.1231, 24.9049, 22.2128

Square

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



29.1877, 24.9049, 24.7415



22.8266, 24.9049, 14.9075



18.8979, 24.9049, 29.6403



24.5367, 24.9049, 44.6459

Rectangle

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



29.1877, 24.9049, 24.7415



26.4175, 24.9049, 16.1960



18.8979, 24.9049, 29.6403



21.1224, 24.9049, 42.0927

Sweetspot

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



29.1884, 24.9061, 24.7420



67.1473, 67.0301, 71.8345



31.0091, 25.4012, 44.8636



14.3098, 14.1591, 15.1267



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.1884, 24.9061, 24.7420



48.7475, 39.3496, 37.5887



31.0720, 29.6070, 22.4910



8.5512, 8.5272, 9.1350



13.3126, 6.8426, 1.5404



0.4362, 0.2222, 0.1397

Inverse Universe

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



29.1884, 24.9061, 24.7420



48.7475, 39.3496, 37.5887



28.3037, 31.9946, 46.2788



8.5512, 8.5272, 9.1350



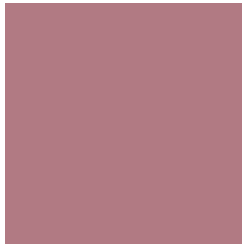
13.3126, 6.8426, 1.5404



0.4362, 0.2222, 0.1397

Previews

White Background



This preview shows how the XYZ color 29.1877, 24.9049, 24.7415 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 29.1877, 24.9049, 24.7415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

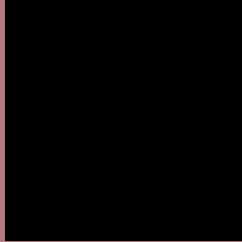
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1877, 24.9049, 24.7415

Background



This preview shows how black text looks on a background with the XYZ color 29.1877, 24.9049, 24.7415.



This preview shows how white text looks on a background with the XYZ color 29.1877, 24.9049,

24.7415.

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

29.1877, 24.9049, 24.7415

Protanopia

24.1118, 24.9614, 27.9733

Deuteranopia

25.3506, 24.8598, 24.2312



Tritanopia

29.1877, 24.9049, 24.7415

Trichromacy



Original Color

29.1877, 24.9049, 24.7415

Protanomaly

25.6971, 24.7825, 26.7217

Deuteranomaly

26.6487, 24.7314, 24.4882

Tritanomaly

29.1877, 24.9049, 24.7415

Monochromacy



Original Color

29.1877, 24.9049, 24.7415

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.9683, 25.3249, 26.8121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1877, 24.9049, 24.7415 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(177, 122, 131)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 131)  
}
```

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(177, 122, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 131) }
```

Border

The CSS property to change the border of an element to XYZ 29.1877, 24.9049, 24.7415 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(177, 122, 131) }
```


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

```
.border{ border-color:rgb(177, 122, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 122, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 122, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 122, 131);  
box-shadow:4px 4px 4px 4px rgb(177, 122,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1877, 24.9049, 24.7415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 131) }
```

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

```
.background{ background-color: rgb(177,  
122, 131) }
```

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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