

Converting Colors

XYZ(29.4614, 26.6268, 29.3171)

Have a look what the booklet for
XYZ(29.4614, 26.6268, 29.3171)
contains.

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Color

**XYZ(29.3610, 26.6206,
29.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	A9838E
RGB	169, 131, 142
RGB Percent	66%, 51%, 56%
CMY	0.3373, 0.4863, 0.4431
CMYK	0.00, 0.22, 0.16, 0.34
HSL	343°, 18%, 59%
HSV	343°, 22%, 66%
XYZ	29.3610, 26.6206, 29.1820
YIQ	143.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

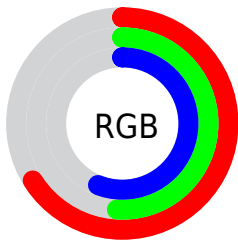
Format	Color
R_{YB}	169, 131, 142
Decimal	11109262
CIE _{Lab}	58.62, 16.35, -0.29
CIE _{LCh}	59, 16.356, 358.983
Yxy	26.6206, 0.3448, 0.3126
Android (android.graphics.Color)	4289299342 (0xFFA9838E)
YUV	143.6160, -0.7967, 22.2618
Hunter-Lab	51.5952, 11.2866, 2.5824

Details

The XYZ color **29.3610, 26.6206, 29.1820** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7207, 35.6706, 37.6682**, and the grayscale version is **26.3532, 27.7257, 30.1933**.

A 20% lighter version of the original color is **58.1556, 54.2741, 59.6354**, and **12.0767, 10.3706, 11.4904** is the 20% darker color. If you saturate the color by 10%, you get **26.4201, 22.1047, 23.9904**, and if you desaturate by 10%, it is **32.7708, 31.9183, 35.0098**.

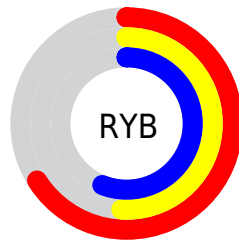
Distribution



Red (66%)

Green (51%)

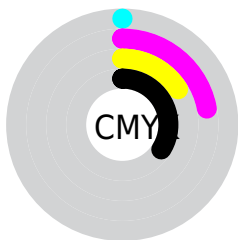
Blue (56%)



Red (66%)

Yellow (51%)

Blue (56%)

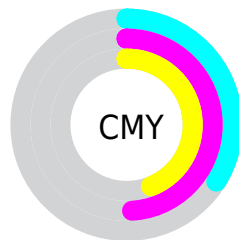


Cyan (0%)

Magenta (22%)

Yellow (16%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3610, 26.6206, 29.1820 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 29.3610, 26.6206, 29.1820 by changing the saturation by 10% instead.

■ 29.3610, 26.6206,
29.1820

■ 29.3610, 26.6206,
29.1820

290.8780,
285.8154, 312.1605

■ 19.4997, 17.2885,
18.9718

■ 58.0438, 54.2744,
59.4118

■ 12.1381, 10.4404,
11.4733

■ 77.5959, 73.3650,
80.2684

■ 6.9106, 5.6919,
6.2680

■ 101.1092, 96.4771,
105.5109

■ 3.4521, 2.6587,
2.9373

128.9488,
123.9952, 135.5578

■ 1.3971, 0.9562,
1.0627

161.4801,
156.3037, 170.8277

■ 0.2542, 0.0000,
0.0000

199.0685,

■ 0.0000, 0.0000,

193.7870, 211.7390

0.0000

242.0794,
236.8294, 258.7105

■ 29.3610, 26.6206,
29.1820

■ 29.3610, 26.6206,
29.1820

■ 26.4201, 22.1047,
23.9904

■ 32.7708, 31.9183,
35.0098

■ 23.9249, 18.3298,
19.4113

■ 36.6668, 38.0286,
41.4931

■ 21.8535, 15.2571,
15.4218

■ 41.0685, 44.9855,
48.6526

■ 20.1811, 12.8425,
11.9967

■ 45.9931, 52.8194,
56.5072

■ 18.8805, 11.0372,
9.1092

■ 51.4575, 61.5597,
65.0754

■ 17.9205, 9.7852,
6.7299

■ 57.4775, 71.2341,
74.3749

■ 17.2647, 9.0203,
4.8260

■ 64.0684, 81.8694,
84.4226

■ 16.9149, 8.6561,
3.6753

■ 67.5656, 86.1324,
94.0086

■ 69.3904, 86.8623,
103.6179

Harmonies

Analogous

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



28.7564, 26.6206, 35.0631



29.3610, 26.6206, 29.1820



28.8311, 26.6206, 23.9520

Triad

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



29.3610, 26.6206, 29.1820



23.4774, 26.6206, 20.3506



23.3647, 26.6206, 39.5290

Complementary

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



29.3610, 26.6206, 29.1820



29.7207, 35.6706, 37.6682

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.



22.0735, 26.6206, 34.6786



29.3610, 26.6206, 29.1820



22.1361, 26.6206, 23.6539

Square

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



29.3610, 26.6206, 29.1820



25.3707, 26.6206, 19.2778



21.6356, 26.6206, 28.7895



25.2336, 26.6206, 41.5027

Rectangle

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



29.3610, 26.6206, 29.1820



27.9208, 26.6206, 21.4189



21.6356, 26.6206, 28.7895



22.8524, 26.6206, 38.1519

Sweetspot

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



29.3617, 26.6218, 29.1826



62.3180, 62.8415, 68.7727



29.3007, 26.3271, 41.0738



13.4979, 13.5639, 14.8486



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.3617, 26.6218, 29.1826



49.8483, 43.4625, 47.4748



29.6347, 28.4245, 25.3987



7.6171, 7.5767, 8.3008



12.6271, 6.4596, 2.8481



0.3290, 0.1659, 0.1842

Inverse Universe

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



29.3617, 26.6218, 29.1826



49.8483, 43.4625, 47.4748



29.3373, 33.3205, 42.4218



7.6171, 7.5767, 8.3008



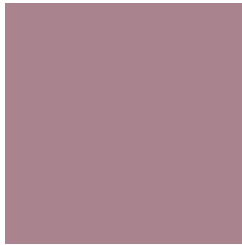
12.6271, 6.4596, 2.8481



0.3290, 0.1659, 0.1842

Previews

White Background



This preview shows how the XYZ color 29.3610, 26.6206, 29.1820 looks on a white background.

Color Contrast Check

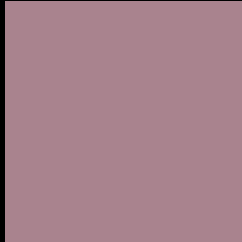
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3610, 26.6206, 29.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

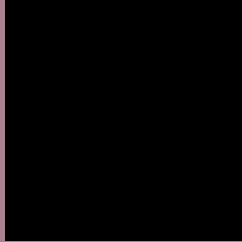
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.3610, 26.6206, 29.1820

Background



This preview shows how black text looks on a background with the XYZ color 29.3610, 26.6206, 29.1820.



This preview shows how white text looks on a background with the XYZ color 29.3610, 26.6206,

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

29.3610, 26.6206, 29.1820

Protanopia

25.8787, 26.6451, 31.7960

Deuteranopia

27.2709, 26.7830, 28.9316



Tritanopia

29.2862, 26.5907, 28.7883

Trichromacy



Original Color

29.3610, 26.6206, 29.1820

Protanomaly

27.0829, 26.6420, 30.9091

Deuteranomaly

27.9689, 26.7246, 28.8835

Tritanomaly

29.2862, 26.5907, 28.7883

Monochromacy



Original Color

29.3610, 26.6206, 29.1820

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.3274, 27.2207, 29.8004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3610, 26.6206, 29.1820 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(169, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 142)  
}
```

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(169, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.3610, 26.6206, 29.1820 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(169, 131, 142) }
```


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

```
.border{ border-color:rgb(169, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3610, 26.6206, 29.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 142) }
```

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

```
.background{ background-color: rgb(169,  
131, 142) }
```

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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