

Converting Colors

XYZ(29.2106, 26.1020, 28.8222)

Have a look what the booklet for
XYZ(29.2106, 26.1020, 28.8222)
contains.

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Color

**XYZ(29.2355, 26.1696,
28.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	AA818D
RGB	170, 129, 141
RGB Percent	67%, 51%, 55%
CMY	0.3333, 0.4941, 0.4471
CMYK	0.00, 0.24, 0.17, 0.33
HSL	342°, 19%, 59%
HSV	342°, 24%, 67%
XYZ	29.2355, 26.1696, 28.7097
YIQ	142.6270, 20.5840, 12.4240

Conversions

Conversions Part 2

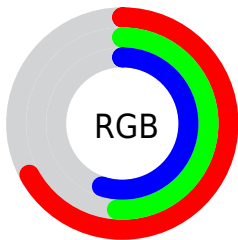
Format	Color
R _Y B	170, 129, 141
Decimal	11174285
CIE Lab	58.20, 17.70, -0.32
CIE LCh	58, 17.701, 358.959
Yxy	26.1696, 0.3476, 0.3111
Android (android.graphics.Color)	4289364365 (0xFFAA818D)
YUV	142.6270, -0.8021, 24.0061
Hunter-Lab	51.1562, 12.4883, 2.5349

Details

The XYZ color **29.2355, 26.1696, 28.7097** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6005, 35.8858, 37.7159**, and the grayscale version is **25.9577, 27.3096, 29.7401**.

A 20% lighter version of the original color is **57.9423, 53.5648, 58.9149**, and **12.0204, 10.1292, 11.2191** is the 20% darker color. If you saturate the color by 10%, you get **26.3331, 21.7197, 23.5648**, and if you desaturate by 10%, it is **32.6091, 31.4059, 34.4916**.

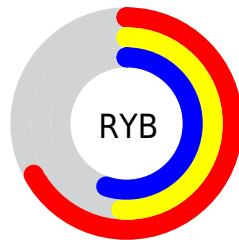
Distribution



Red (67%)

Green (51%)

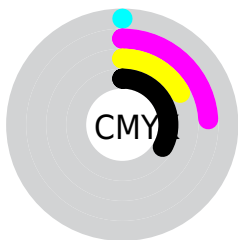
Blue (55%)



Red (67%)

Yellow (51%)

Blue (55%)

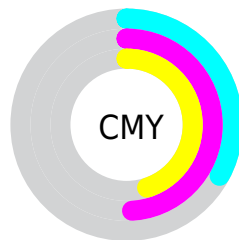


Cyan (0%)

Magenta (24%)

Yellow (17%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2355, 26.1696, 28.7097 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 29.2355, 26.1696, 28.7097 by changing the saturation by 10% instead.

■ 29.2355, 26.1696,
28.7097

■ 29.2355, 26.1696,
28.7097

290.2987,
283.6136, 309.8607

■ 19.4042, 16.9506,
18.6176

■ 57.8460, 53.5484,
58.6522

■ 12.0685, 10.1992,
11.2203

■ 77.3560, 72.4770,
79.3397

■ 6.8628, 5.5313,
6.0992

■ 100.8228, 95.4109,
104.3962

■ 3.4220, 2.5622,
2.8357

128.6120,
122.7345, 134.2400

■ 1.3807, 0.9077,
1.0114

161.0888,
154.8321, 169.2899

■ 0.2424, 0.0000,
0.0000

198.6186,

■ 0.0000, 0.0000,

192.0883, 209.9643

0.0000

241.5668,
234.8873, 256.6817

■ 29.2355, 26.1696,
28.7097

■ 29.2355, 26.1696,
28.7097

■ 26.3331, 21.7197,
23.5648

■ 32.6091, 31.4059,
34.4916

■ 23.8782, 18.0144,
19.0330

■ 36.4718, 37.4604,
40.9302

■ 21.8483, 15.0138,
15.0909

■ 40.8432, 44.3677,
48.0462

■ 20.2180, 12.6725,
11.7132

■ 45.7412, 52.1591,
55.8591

■ 18.9590, 10.9399,
8.8724

■ 51.1829, 60.8644,
64.3872

■ 18.0392, 9.7579,
6.5385

■ 57.1844, 70.5122,
73.6486

■ 17.4204, 9.0569,
4.6780

■ 63.7613, 81.1295,
83.6603

■ 17.1480, 8.7742,
3.7790

■ 67.6534, 86.1924,
93.3474

■ 69.4722, 86.9199,
102.9249

Harmonies

Analogous

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



28.5825, 26.1696, 35.0390



29.2355, 26.1696, 28.7097



28.6649, 26.1696, 23.1424

Triad

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



29.2355, 26.1696, 28.7097



22.9268, 26.1696, 19.3474



22.8040, 26.1696, 39.8775

Complementary

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



29.2355, 26.1696, 28.7097



29.6005, 35.8858, 37.7159

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.



21.4319, 26.1696, 34.6135



29.2355, 26.1696, 28.7097



21.5000, 26.1696, 22.8199

Square

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



29.2355, 26.1696, 28.7097



24.9485, 26.1696, 18.2287



20.9684, 26.1696, 28.2799



24.7985, 26.1696, 42.0320

Rectangle

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



29.2355, 26.1696, 28.7097



27.6849, 26.1696, 20.4717



20.9684, 26.1696, 28.2799



22.2590, 26.1696, 38.3789

Sweetspot

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



29.2362, 26.1708, 28.7102



63.9678, 64.4994, 70.6175



29.1484, 25.8427, 41.4823



14.1739, 14.2405, 15.5966



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.



29.2362, 26.1708, 28.7102



50.0925, 42.9421, 46.8997



29.5150, 28.0804, 24.6347



7.6181, 7.5771, 8.3059



12.6359, 6.4631, 2.8941



0.3294, 0.1660, 0.1861

Inverse Universe

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



29.2362, 26.1708, 28.7102



50.0925, 42.9421, 46.8997



29.1949, 33.3404, 42.9270



7.6181, 7.5771, 8.3059



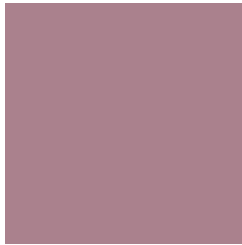
12.6359, 6.4631, 2.8941



0.3294, 0.1660, 0.1861

Previews

White Background



This preview shows how the XYZ color 29.2355, 26.1696, 28.7097 looks on a white background.

Color Contrast Check

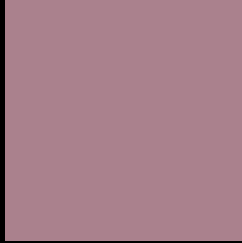
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2355, 26.1696, 28.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

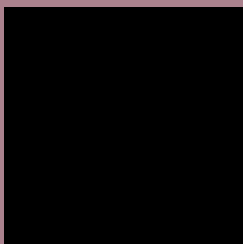
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2355, 26.1696, 28.7097

Background



This preview shows how black text looks on a background with the XYZ color 29.2355, 26.1696, 28.7097.



This preview shows how white text looks on a background with the XYZ color 29.2355, 26.1696,

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

29.2355, 26.1696, 28.7097

Protanopia

25.4836, 26.2345, 31.3244

Deuteranopia

26.8642, 26.3718, 28.4853



Tritanopia

29.0880, 26.1106, 27.9328

Trichromacy



Original Color

29.2355, 26.1696, 28.7097

Protanomaly

26.7237, 26.0477, 30.4073

Deuteranomaly

27.6184, 26.1421, 28.4012

Tritanomaly

29.1614, 26.1400, 28.3195

Monochromacy



Original Color

29.2355, 26.1696, 28.7097

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.1078, 26.9023, 29.3551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2355, 26.1696, 28.7097 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(170, 129, 141)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 141)  
}
```

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(170, 129, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.2355, 26.1696, 28.7097 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(170, 129, 141) }
```


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

```
.border{ border-color:rgb(170, 129, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 129, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 141);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2355, 26.1696, 28.7097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 141) }
```

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

```
.background{ background-color: rgb(170,  
129, 141) }
```

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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