

Converting Colors

XYZ(29.0733, 27.6907, 29.0316)

Have a look what the booklet for
XYZ(29.0733, 27.6907, 29.0316)
contains.

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Color

**XYZ(29.0632, 27.7069,
29.0155)**

Conversions

Conversions Part 1

Format	Color
Hex	A4898D
RGB	164, 137, 141
RGB Percent	64%, 54%, 55%
CMY	0.3569, 0.4627, 0.4471
CMYK	0.00, 0.16, 0.14, 0.36
HSL	351°, 13%, 59%
HSV	351°, 16%, 64%
XYZ	29.0632, 27.7069, 29.0155
YIQ	145.5290, 14.8080, 6.9680

Conversions

Conversions Part 2

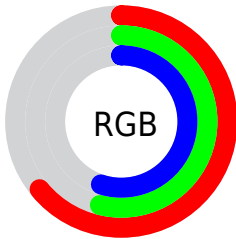
Format	Color
RYB	164, 137, 141
Decimal	10783117
CIELab	59.62, 10.89, 1.68
CIElCh	60, 11.019, 8.781
Yxy	27.7069, 0.3388, 0.3230
Android (android.graphics.Color)	4288973197 (0xFFA4898D)
YUV	145.5290, -2.2328, 16.1991
Hunter-Lab	52.6373, 6.4417, 4.1635

Details

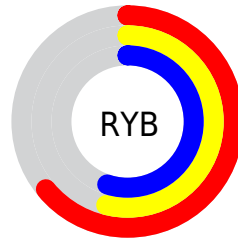
The XYZ color **29.0632, 27.7069, 29.0155** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.9382, 34.4080, 38.3228**, and the grayscale version is **27.1342, 28.5473, 31.0880**.

A 20% lighter version of the original color is **57.4772, 55.8271, 59.3761**, and **11.9786, 11.0165, 11.3926** is the 20% darker color. If you saturate the color by 10%, you get **25.9320, 23.0043, 23.1622**, and if you desaturate by 10%, it is **32.6815, 33.1732, 35.6790**.

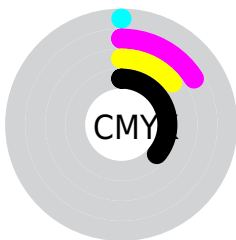
Distribution



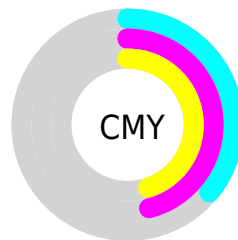
- Red (64%)
- Green (54%)
- Blue (55%)



- Red (64%)
- Yellow (54%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0632, 27.7069, 29.0155 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 29.0632, 27.7069, 29.0155 by changing the saturation by 10% instead.

■ 29.0632, 27.7069,
29.0155

■ 29.0632, 27.7069,
29.0155

289.5019,
291.0637, 311.3513

■ 19.2732, 18.1048,
18.8469

■ 57.5743, 56.0162,
59.1442

■ 11.9730, 11.0253,
11.3840

■ 77.0262, 75.4921,
79.9413

■ 6.7974, 6.0838,
6.2083

■ 100.4293, 99.0282,
105.1184

■ 3.3809, 2.8961,
2.9013

128.1491,
127.0087, 135.0939

■ 1.3582, 1.0777,
1.0445

160.5509,
159.8182, 170.2864

■ 0.2262, 0.0000,
0.0000

198.0000,

■ 0.0000, 0.0000,

197.8409, 211.1144

0.0000

240.8619,
241.4613, 257.9966

■ 29.0632, 27.7069,
29.0155

■ 29.0632, 27.7069,
29.0155

■ 25.9320, 23.0043,
23.1622

■ 32.6815, 33.1732,
35.6790

■ 23.2647, 19.0278,
18.0863

■ 36.8042, 39.4311,
43.1801

■ 21.0398, 15.7423,
13.7555

■ 41.4505, 46.5119,
51.5473

■ 19.2332, 13.1083,
10.1344

■ 46.6378, 54.4438,
60.8071

■ 17.8182, 11.0821,
7.1850

■ 52.3830, 63.2540,
70.9847

■ 16.7653, 9.6148,
4.8654

■ 58.7019, 72.9681,
82.1046

■ 16.0405, 8.6501,
3.1288

■ 65.6100, 83.6110,
94.1903

■ 15.5975, 8.1084,
1.9201

■ 68.7639, 86.4902,
105.8116

■ 15.4778, 7.9597,
1.6002

■ 69.1200, 86.6326,
107.6865

Harmonies

Analogous

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



28.9035, 27.7069, 33.0221



29.0632, 27.7069, 29.0155



28.4719, 27.7069, 25.6264

Triad

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



29.0632, 27.7069, 29.0155



24.6969, 27.7069, 24.5896



25.3797, 27.7069, 37.8749

Complementary

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



29.0632, 27.7069, 29.0155



29.9382, 34.4080, 38.3228

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.



24.3070, 27.7069, 35.2170



29.0632, 27.7069, 29.0155



23.9225, 27.7069, 27.4835

Square

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



29.0632, 27.7069, 29.0155



25.9290, 27.7069, 23.2227



23.7823, 27.7069, 31.3508



26.7444, 27.7069, 38.3763

Rectangle

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



29.0632, 27.7069, 29.0155



27.7433, 27.7069, 24.0883



23.7823, 27.7069, 31.3508



24.9744, 27.7069, 37.1935

Sweetspot

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



29.0640, 27.7081, 29.0161



60.2904, 61.6814, 66.5336



30.1345, 28.0413, 38.9465



13.0773, 13.3281, 14.3565



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.0640, 27.7081, 29.0161



50.4270, 46.7907, 48.3369



30.1744, 30.3965, 27.9452



7.1145, 7.1023, 7.5895



11.8791, 6.1077, 1.2878



0.2611, 0.1329, 0.0878

Inverse Universe

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



29.0640, 27.7081, 29.0161



50.4270, 46.7907, 48.3369



28.6649, 31.2928, 39.6515



7.1145, 7.1023, 7.5895



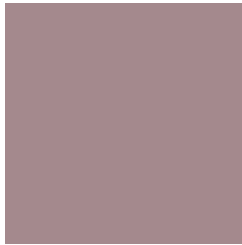
11.8791, 6.1077, 1.2878



0.2611, 0.1329, 0.0878

Previews

White Background



This preview shows how the XYZ color 29.0632, 27.7069, 29.0155 looks on a white background.

Color Contrast Check

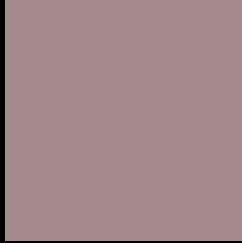
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0632, 27.7069, 29.0155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

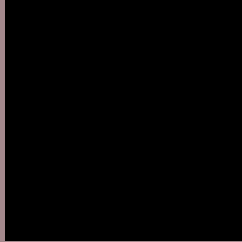
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0632, 27.7069, 29.0155

Background



This preview shows how black text looks on a background with the XYZ color 29.0632, 27.7069, 29.0155.



This preview shows how white text looks on a background with the XYZ color 29.0632, 27.7069,

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

29.0632, 27.7069, 29.0155

Protanopia

26.7106, 27.7695, 30.3378

Deuteranopia

28.3384, 27.7593, 29.0638



Tritanopia

29.5877, 27.7142, 31.3937

Trichromacy



Original Color

29.0632, 27.7069, 29.0155

Protanomaly

27.6197, 27.8052, 29.8978

Deuteranomaly

28.5941, 27.6771, 29.0344

Tritanomaly

29.4320, 27.6520, 30.5742

Monochromacy



Original Color

29.0632, 27.7069, 29.0155

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.9934, 28.4308, 30.3978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0632, 27.7069, 29.0155 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(164, 137, 141)` looks like.

```
.text, #text, p{  
    color:rgb(164, 137, 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(164, 137, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 137, 141) }
```

Border

The CSS property to change the border of an element to XYZ 29.0632, 27.7069, 29.0155 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(164, 137, 141) }
```


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

```
.border{ border-color:rgb(164, 137, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 137, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 137, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 137, 141);  
box-shadow:4px 4px 4px 4px rgb(164, 137,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0632, 27.7069, 29.0155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 137, 141) }
```

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

```
.background{ background-color: rgb(164,  
137, 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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