

Converting Colors

XYZ(30.0491, 29.0824, 28.0611)

Have a look what the booklet for
XYZ(30.0491, 29.0824, 28.0611)
contains.

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Color

**XYZ(30.0487, 29.1002,
28.0779)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | A78D8A |
| RGB | 167, 141, 138 |
| RGB Percent | 65%, 55%, 54% |
| CMY | 0.3451, 0.4470, 0.4588 |
| CMYK | 0.00, 0.16, 0.17, 0.35 |
| HSL | 6°, 14%, 60% |
| HSV | 6°, 17%, 65% |
| XYZ | 30.0487, 29.1002, 28.0779 |
| YIQ | 148.4320, 16.4590, 4.5790 |

Conversions

Conversions Part 2

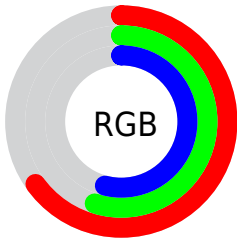
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 167, 141, 138 |
| Decimal | 10980746 |
| CIE Lab | 60.87, 9.28, 5.23 |
| CIE LCh | 61, 10.654, 29.420 |
| Yxy | 29.1002, 0.3445, 0.3336 |
| Android (android.graphics.Color) | 4289170826 (0xFFA78D8A) |
| YUV | 148.4320, -5.1430, 16.2841 |
| Hunter-Lab | 53.9446, 5.0266, 6.9011 |

Details

The XYZ color **30.0487, 29.1002, 28.0779** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.7316, 34.7435, 41.6460**, and the grayscale version is **28.3454, 29.8216, 32.4757**.

A 20% lighter version of the original color is **59.0433, 58.3214, 57.4355**, and **12.5728, 11.8316, 10.8536** is the 20% darker color. If you saturate the color by 10%, you get **26.8713, 24.5337, 21.5053**, and if you desaturate by 10%, it is **33.7121, 34.3406, 35.7305**.

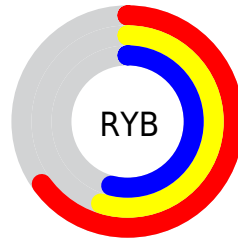
Distribution



Red (65%)

Green (55%)

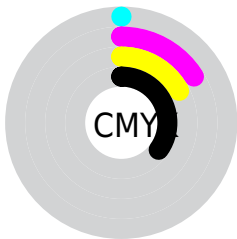
Blue (54%)



Red (65%)

Yellow (55%)

Blue (54%)

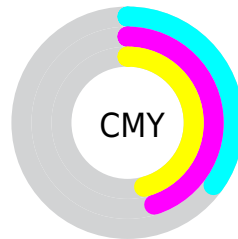


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (35%)



Cyan (35%)


Magenta (45%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0487, 29.1002, 28.0779 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 30.0487, 29.1002, 28.0779 by changing the saturation by 10% instead.


 30.0487, 29.1002,
28.0779

 30.0487, 29.1002,
28.0779


294.0371,
297.6874, 306.7626


 20.0238, 19.1566,
18.1448


 59.1253, 58.2362,
57.6334

 12.5207, 11.7835,
10.8835


 78.9077, 78.1975,
78.0929

 7.1741, 6.5964,
5.8754


 102.6733,
102.2668, 102.8983

 3.6185, 3.2110,
2.7019

130.7875,
130.8285, 132.4681

 1.4887, 1.2429,
0.9444

163.6156,
164.2670, 167.2209

 0.3181, 0.0963,
0.0000

201.5230,

 0.0000, 0.0000,

202.9668, 207.5753

0.0000

244.8751,
247.3121, 253.9496

■ 30.0487, 29.1002,
28.0779

■ 30.0487, 29.1002,
28.0779

■ 26.8713, 24.5337,
21.5053

■ 33.7121, 34.3406,
35.7305

■ 24.1571, 20.6098,
15.9622

■ 37.8781, 40.2764,
44.5066

■ 21.8851, 17.3010,
11.3969

■ 42.5658, 46.9333,
54.4498

■ 20.0317, 14.5759,
7.7527

■ 47.7923, 54.3344,
65.6006

■ 18.5712, 12.4007,
4.9667

■ 53.5740, 62.5017,
77.9978

■ 17.4748, 10.7376,
2.9684

■ 59.9267, 71.4564,
91.6782

■ 16.7100, 9.5445,
1.6759

■ 66.8654, 81.2187,
106.6773

■ 16.2332, 8.7703,
0.9636

■ 69.7465, 86.9556,
107.7158

■ 16.1415, 8.6256,
0.8142

Harmonies

Analogous

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



30.4136, 29.1002, 31.7626



30.0487, 29.1002, 28.0779



29.0386, 29.1002, 25.5513

Triad

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



30.0487, 29.1002, 28.0779



25.4248, 29.1002, 27.9544



27.6318, 29.1002, 39.9570

Complementary

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



30.0487, 29.1002, 28.0779



30.7316, 34.7435, 41.6460

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.



26.3235, 29.1002, 38.7297



30.0487, 29.1002, 28.0779



25.0757, 29.1002, 31.6078

Square

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



30.0487, 29.1002, 28.0779



26.3688, 29.1002, 25.4842



25.3992, 29.1002, 35.5889



28.9903, 29.1002, 38.8183

Rectangle

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



30.0487, 29.1002, 28.0779



28.1517, 29.1002, 24.7515



25.3992, 29.1002, 35.5889



27.1718, 29.1002, 39.8060

Sweetspot

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



30.0495, 29.1015, 28.0785



61.9922, 63.8079, 67.3856



31.7351, 29.0768, 39.1095



13.7641, 14.1241, 14.8514



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.



30.0495, 29.1015, 28.0785



51.4286, 48.6920, 45.3323



32.3122, 33.6269, 28.8327



7.5913, 7.6627, 7.8682



12.3700, 6.6372, 0.6291



0.3196, 0.1988, 0.0215

Inverse Universe

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



30.7316, 34.7435, 41.6460



52.8898, 60.7861, 74.4206



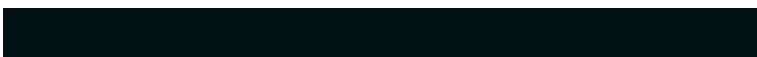
28.2993, 29.8789, 40.8353



7.6802, 8.3973, 9.6344



13.6682, 18.7965, 30.8832



0.3509, 0.4939, 0.7575

Previews

White Background



This preview shows how the XYZ color 30.0487, 29.1002, 28.0779 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 30.0487, 29.1002, 28.0779 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 30.0487, 29.1002, 28.0779

Background



This preview shows how black text looks on a background with the XYZ color 30.0487, 29.1002, 28.0779.



This preview shows how white text looks on a background with the XYZ color 30.0487, 29.1002,

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

30.0487, 29.1002, 28.0779

Protanopia

27.8491, 29.0602, 29.3407

Deuteranopia

29.7775, 29.1803, 28.1077



Tritanopia

31.0998, 29.1023, 32.8323

Trichromacy



Original Color

30.0487, 29.1002, 28.0779

Protanomaly

28.6115, 29.0081, 28.9021

Deuteranomaly

29.9863, 29.2880, 28.1174

Tritanomaly

30.7148, 29.1563, 31.2030

Monochromacy



Original Color

30.0487, 29.1002, 28.0779

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6770, 29.2330, 30.5166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0487, 29.1002, 28.0779 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(167, 141, 138)` looks like.

```
.text, #text, p{  
    color:rgb(167, 141, 138)  
}
```

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(167, 141, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 141, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.0487, 29.1002, 28.0779 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(167, 141, 138) }
```


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

```
.border{ border-color:rgb(167, 141, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 141, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 141, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 141, 138);  
box-shadow:4px 4px 4px 4px rgb(167, 141,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0487, 29.1002, 28.0779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 141, 138) }
```

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

```
.background{ background-color: rgb(167,  
141, 138) }
```

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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