

Converting Colors

XYZ(30.0822, 28.8102, 27.9403)

Have a look what the booklet for
XYZ(30.0822, 28.8102, 27.9403)
contains.

XYZ(30.1140, 28.9160, 28.0389)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.1140, 28.9160,
28.0389)**

Conversions

Conversions Part 1

Format	Color
Hex	A88C8A
RGB	168, 140, 138
RGB Percent	66%, 55%, 54%
CMY	0.3412, 0.4510, 0.4588
CMYK	0.00, 0.17, 0.18, 0.34
HSL	4°, 15%, 60%
HSV	4°, 18%, 66%
XYZ	30.1140, 28.9160, 28.0389
YIQ	148.1440, 17.3300, 5.3140

Conversions

Conversions Part 2

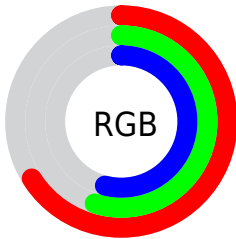
Format	Color
RYB	168, 140, 138
Decimal	11046026
CIELab	60.71, 10.23, 5.01
CIElCh	61, 11.390, 26.108
Yxy	28.9160, 0.3459, 0.3321
Android (android.graphics.Color)	4289236106 (0xFFA88C8A)
YUV	148.1440, -5.0010, 17.4137
Hunter-Lab	53.7736, 5.8588, 6.7262

Details

The XYZ color **30.1140, 28.9160, 28.0389** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **31.1851, 35.5020, 42.2550**, and the grayscale version is **28.2242, 29.6941, 32.3368**.

A 20% lighter version of the original color is **59.1272, 58.0331, 57.3754**, and **12.6201, 11.7299, 10.8315** is the 20% darker color. If you saturate the color by 10%, you get **26.8607, 24.2075, 21.4106**, and if you desaturate by 10%, it is **33.8835, 34.3553, 35.7682**.

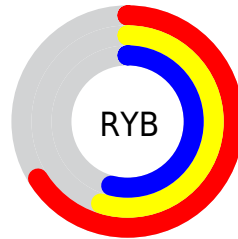
Distribution



Red (66%)

Green (55%)

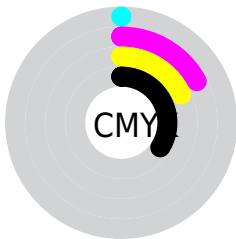
Blue (54%)



Red (66%)

Yellow (55%)

Blue (54%)

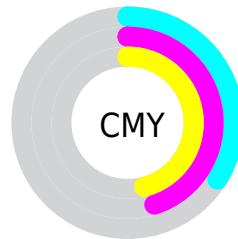


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (34%)



Cyan (34%)

Magenta (45%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1140, 28.9160, 28.0389 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 30.1140, 28.9160, 28.0389 by changing the saturation by 10% instead.

■ 30.1140, 28.9160,
28.0389

■ 30.1140, 28.9160,
28.0389

294.3358,
296.8184, 306.5705

■ 20.0736, 19.0173,
18.1157

■ 59.2278, 57.9436,
57.5704

■ 12.5572, 11.6828,
10.8628

■ 79.0320, 77.8413,
78.0157

■ 7.1992, 6.5281,
5.8616

■ 102.8214,
101.8407, 102.8056

■ 3.6344, 3.1687,
2.6937

130.9615,
130.3263, 132.3584

■ 1.4975, 1.2205,
0.9403

163.8177,
163.6825, 167.0928

■ 0.3241, 0.0783,
0.0000

201.7552,

■ 0.0000, 0.0000,

202.2937, 207.4272

0.0000

245.1394,
246.5442, 253.7803

■ 30.1140, 28.9160,
28.0389

■ 30.1140, 28.9160,
28.0389

■ 26.8607, 24.2075,
21.4106

■ 33.8835, 34.3553,
35.7682

■ 24.0988, 20.1948,
15.8316

■ 38.1878, 40.5504,
44.6435

■ 21.8052, 16.8462,
11.2484

■ 43.0476, 47.5302,
54.7094

■ 19.9538, 14.1259,
7.6026

■ 48.4815, 55.3208,
66.0078

■ 18.5161, 11.9946,
4.8294

■ 54.5076, 63.9470,
78.5783

■ 17.4601, 10.4086,
2.8556

■ 61.1430, 73.4327,
92.4589

■ 16.7492, 9.3184,
1.5965

■ 68.3071, 83.7620,
107.1753

■ 16.3332, 8.6626,
0.9146

■ 69.9586, 87.0649,
107.7257

■ 16.2708, 8.5693,
0.7965

Harmonies

Analogous

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



30.4161, 28.9160, 32.0400



30.1140, 28.9160, 28.0389



29.0983, 28.9160, 25.2035

Triad

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



30.1140, 28.9160, 28.0389



25.1929, 28.9160, 27.1630



27.2914, 28.9160, 40.3176

Complementary

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



30.1140, 28.9160, 28.0389



31.1851, 35.5020, 42.2550

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.



25.9302, 28.9160, 38.7311



30.1140, 28.9160, 28.0389



24.7463, 28.9160, 30.9357

Square

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



30.1140, 28.9160, 28.0389



26.2527, 28.9160, 24.7305



25.0114, 28.9160, 35.2016



28.7527, 28.9160, 39.3685

Rectangle

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



30.1140, 28.9160, 28.0389



28.1714, 28.9160, 24.2299



25.0114, 28.9160, 35.2016



26.8075, 28.9160, 40.0597

Sweetspot

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



30.1148, 28.9173, 28.0395



63.5472, 65.3111, 69.1478



32.1202, 29.2553, 40.0306



13.7399, 14.0756, 14.8434



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.



30.1148, 28.9173, 28.0395



52.4591, 49.3105, 46.4136



32.4576, 33.6028, 28.8204



7.5699, 7.6198, 7.8611



12.3019, 6.5010, 0.6064



0.3115, 0.1825, 0.0188

Inverse Universe

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



31.1851, 35.5020, 42.2550



54.7275, 63.2697, 76.5529



28.6161, 30.3640, 41.3987



7.7040, 8.4450, 9.6423



14.4293, 20.3188, 31.1369



0.3634, 0.5190, 0.7617

Previews

White Background



This preview shows how the XYZ color 30.1140, 28.9160, 28.0389 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 30.1140, 28.9160, 28.0389 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

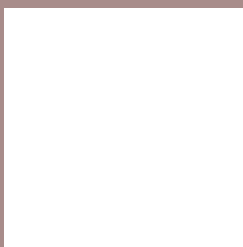
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.1140, 28.9160, 28.0389

Background



This preview shows how black text looks on a background with the XYZ color 30.1140, 28.9160, 28.0389.



This preview shows how white text looks on a background with the XYZ color 30.1140, 28.9160,

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

30.1140, 28.9160, 28.0389

Protanopia

27.6643, 28.9649, 29.3320

Deuteranopia

29.5703, 29.0735, 28.0980



Tritanopia

30.8755, 28.7819, 32.3619

Trichromacy



Original Color

30.1140, 28.9160, 28.0389

Protanomaly

28.6115, 29.0081, 28.9021

Deuteranomaly

29.6294, 28.8841, 28.0583

Tritanomaly

30.7056, 28.9446, 30.7566

Monochromacy



Original Color

30.1140, 28.9160, 28.0389

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 30.1140, 28.9160, 28.0389 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(168, 140, 138)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 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(168, 140, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.1140, 28.9160, 28.0389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

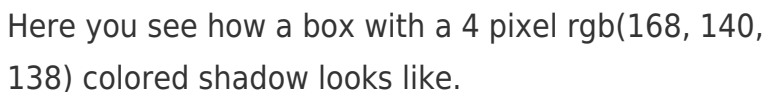
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 140, 138) }
```


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

```
.border{ border-color:rgb(168, 140, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 140, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 140, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 140, 138); box-shadow:4px 4px 4px 4px rgb(168, 140, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1140, 28.9160, 28.0389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 140, 138) }
```

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

```
.background{ background-color: rgb(168,  
140, 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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