

Converting Colors

XYZ(30.5462, 29.6891, 27.9932)

Have a look what the booklet for
XYZ(30.5462, 29.6891, 27.9932)
contains.

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Color

**XYZ(30.4089, 29.5058,
28.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	A88E8A
RGB	168, 142, 138
RGB Percent	66%, 56%, 54%
CMY	0.3412, 0.4431, 0.4588
CMYK	0.00, 0.15, 0.18, 0.34
HSL	8°, 15%, 60%
HSV	8°, 18%, 66%
XYZ	30.4089, 29.5058, 28.1372
YIQ	149.3180, 16.7800, 4.2680

Conversions

Conversions Part 2

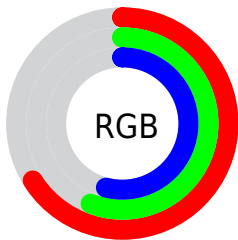
Format	Color
R_{YB}	168, 143, 138
Decimal	11046538
CIE _{Lab}	61.23, 9.10, 5.76
CIE _{LCh}	61, 10.771, 32.307
Yxy	29.5058, 0.3454, 0.3351
Android (android.graphics.Color)	4289236618 (0xFFA88E8A)
YUV	149.3180, -5.5798, 16.3841
Hunter-Lab	54.3192, 4.8689, 7.3114

Details

The XYZ color **30.4089, 29.5058, 28.1372** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.8243, 34.7806, 42.1348**, and the grayscale version is **28.7195, 30.2151, 32.9043**.

A 20% lighter version of the original color is **59.5753, 58.9294, 57.5248**, and **12.7911, 12.0719, 10.8885** is the 20% darker color. If you saturate the color by 10%, you get **27.2592, 25.0045, 21.5435**, and if you desaturate by 10%, it is **34.0313, 34.6509, 35.8175**.

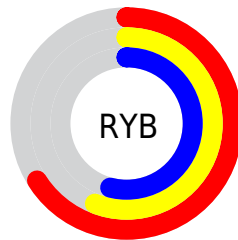
Distribution



Red (66%)

Green (56%)

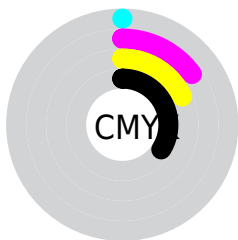
Blue (54%)



Red (66%)

Yellow (56%)

Blue (54%)

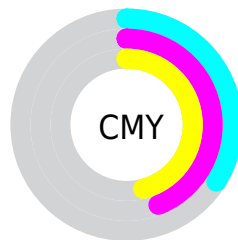


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (34%)



Cyan (34%)


Magenta (44%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4089, 29.5058, 28.1372 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 30.4089, 29.5058, 28.1372 by changing the saturation by 10% instead.


 30.4089, 29.5058,
28.1372


 30.4089, 29.5058,
28.1372


295.6815,
299.5940, 307.0545


 20.2988, 19.4638,
18.1892


 59.6904, 58.8797,
57.7291

 12.7219, 12.0059,
10.9150

 79.5925, 78.9805,
78.2101

 7.3130, 6.7477,
5.8963


 103.4894,
103.2029, 103.0392

 3.7067, 3.3048,
2.7143

131.7463,
131.9314, 132.6349

 1.5376, 1.2929,
0.9506

164.7286,
165.5503, 167.4157

 0.3512, 0.1357,
0.0000

202.8016,

 0.0000, 0.0000,

204.4442, 207.8002

0.0000

246.3309,
248.9973, 254.2070

■ 30.4089, 29.5058,
28.1372

■ 30.4089, 29.5058,
28.1372

■ 27.2592, 25.0045,
21.5435

■ 34.0313, 34.6509,
35.8175

■ 24.5603, 21.1177,
15.9854

■ 38.1424, 40.4596,
44.6283

■ 22.2921, 17.8200,
11.4107

■ 42.7603, 46.9558,
54.6137

■ 20.4321, 15.0824,
7.7621

■ 47.9016, 54.1609,
65.8145

■ 18.9557, 12.8737,
4.9759

■ 53.5820, 62.0957,
78.2698

■ 17.8355, 11.1594,
2.9808

■ 59.8165, 70.7798,
92.0168

■ 17.0405, 9.9009,
1.6936

■ 66.5228, 80.1934,
106.5805

■ 16.5275, 9.0513,
0.9794

■ 69.9586, 87.0649,
107.7257

■ 16.4435, 8.9148,
0.8541

Harmonies

Analogous

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



30.8535, 29.5058, 31.8139



30.4089, 29.5058, 28.1372



29.3287, 29.5058, 25.7057

Triad

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



30.4089, 29.5058, 28.1372



25.7022, 29.5058, 28.6379



28.1541, 29.5058, 40.5641

Complementary

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



30.4089, 29.5058, 28.1372



30.8243, 34.7806, 42.1348

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.



26.7981, 29.5058, 39.5370



30.4089, 29.5058, 28.1372



25.4111, 29.5058, 32.4417

Square

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



30.4089, 29.5058, 28.1372



26.6143, 29.5058, 25.9772



25.8057, 29.5058, 36.4768



29.5247, 29.5058, 39.1776

Rectangle

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



30.4089, 29.5058, 28.1372



28.4104, 29.5058, 25.0029



25.8057, 29.5058, 36.4768



27.6815, 29.5058, 40.4896

Sweetspot

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



30.4097, 29.5071, 28.1378



63.7270, 65.6708, 69.2078



31.9381, 29.1825, 39.0717



13.7839, 14.1636, 14.8580



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.



30.4097, 29.5071, 28.1378



53.0693, 50.5310, 46.6170



32.7932, 34.2741, 28.9323



7.6089, 7.6978, 7.8741



12.4402, 6.7776, 0.6525



0.3262, 0.2120, 0.0237

Inverse Universe

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



30.8243, 34.7806, 42.1348



53.9472, 61.7091, 76.2928



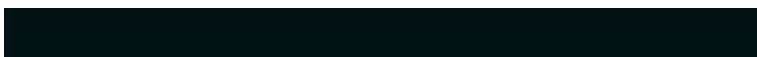
28.2969, 29.7257, 41.2923



7.6609, 8.3588, 9.6280



13.0780, 17.6162, 30.6865



0.3410, 0.4742, 0.7542

Previews

White Background



This preview shows how the XYZ color 30.4089, 29.5058, 28.1372 looks on a white background.

Color Contrast Check

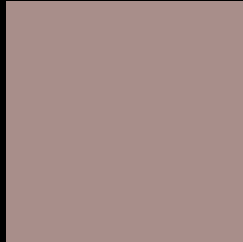
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4089, 29.5058, 28.1372 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 30.4089, 29.5058, 28.1372

Background



This preview shows how black text looks on a background with the XYZ color 30.4089, 29.5058, 28.1372.



This preview shows how white text looks on a background with the XYZ color 30.4089, 29.5058,

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

30.4089, 29.5058, 28.1372

Protanopia

28.1903, 29.4659, 29.4010

Deuteranopia

30.1358, 29.5869, 28.1673



Tritanopia

31.5416, 29.5366, 33.3169

Trichromacy



Original Color

30.4089, 29.5058, 28.1372

Protanomaly

28.9596, 29.4133, 28.9620

Deuteranomaly

30.3463, 29.6954, 28.1771

Tritanomaly

31.0754, 29.5601, 31.2619

Monochromacy



Original Color

30.4089, 29.5058, 28.1372

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1000, 29.6700, 30.9812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4089, 29.5058, 28.1372 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, 142, 138)` looks like.

```
.text, #text, p{  
    color:rgb(168, 142, 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, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 142, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.4089, 29.5058, 28.1372 is called "border". The border property can be set on classes, ids or directly on the HTML element.

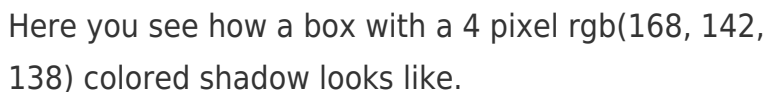
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 142, 138) }
```


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

```
.border{ border-color:rgb(168, 142, 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, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 142, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 142, 138);  
box-shadow:4px 4px 4px 4px rgb(168, 142,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4089, 29.5058, 28.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 142, 138) }
```

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

```
.background{ background-color: rgb(168,  
142, 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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