

Converting Colors

XYZ(30.6073, 27.9058, 27.7939)

Have a look what the booklet for
XYZ(30.6073, 27.9058, 27.7939)
contains.

XYZ(30.5681, 27.8838, 27.8158)	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(30.5681, 27.8838,
27.8158)**

Conversions

Conversions Part 1

Format	Color
Hex	AE868A
RGB	174, 134, 138
RGB Percent	68%, 53%, 54%
CMY	0.3176, 0.4745, 0.4588
CMYK	0.00, 0.23, 0.21, 0.32
HSL	354°, 20%, 60%
HSV	354°, 23%, 68%
XYZ	30.5681, 27.8838, 27.8158
YIQ	146.4160, 22.5560, 9.7240

Conversions

Conversions Part 2

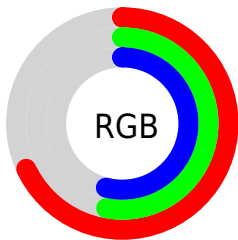
Format	Color
RYB	174, 134, 138
Decimal	11437706
CIELab	59.78, 15.91, 3.76
CIELCh	60, 16.352, 13.286
Yxy	27.8838, 0.3543, 0.3232
Android (android.graphics.Color)	4289627786 (0xFFAE868A)
YUV	146.4160, -4.1491, 24.1912
Hunter-Lab	52.8051, 10.9221, 5.7318

Details

The XYZ color **30.5681, 27.8838, 27.8158** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.2244, 38.2434, 43.7153**, and the grayscale version is **27.5030, 28.9353, 31.5105**.

A 20% lighter version of the original color is **59.8074, 56.1252, 56.9713**, and **12.8169, 11.1102, 10.7015** is the 20% darker color. If you saturate the color by 10%, you get **27.3049, 23.0428, 21.5315**, and if you desaturate by 10%, it is **34.3921, 33.5841, 35.0943**.

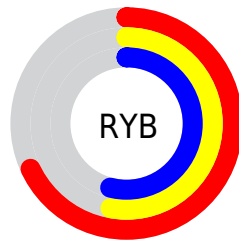
Distribution



Red (68%)

Green (53%)

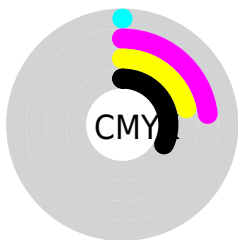
Blue (54%)



Red (68%)

Yellow (53%)

Blue (54%)

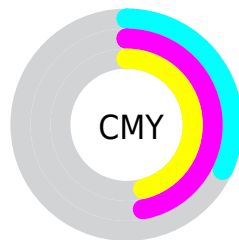


Cyan (0%)

Magenta (23%)

Yellow (21%)

Black (32%)



Cyan (32%)


Magenta (47%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5681, 27.8838, 27.8158 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 30.5681, 27.8838, 27.8158 by changing the saturation by 10% instead.


 30.5681, 27.8838,
27.8158


 30.5681, 27.8838,
27.8158


296.4061,
291.9113, 305.4699

 20.4204, 18.2381,
17.9490


 59.9399, 56.2989,
57.2098

 12.8110, 11.1211,
10.7443


 79.8948, 75.8370,
77.5741

 7.3747, 6.1483,
5.7832

 103.8494, 99.4414,
102.2746

 3.7459, 2.9355,
2.6470

132.1691,
127.4965, 131.7299

 1.5594, 1.0981,
0.9166

165.2192,
160.3866, 166.3586

 0.3657, 0.0000,
0.0000

203.3652,

 0.0000, 0.0000,

198.4962, 206.5791

0.0000

246.9724,
242.2096, 252.8100

■ 30.5681, 27.8838,
27.8158

■ 30.5681, 27.8838,
27.8158

■ 27.3049, 23.0428,
21.5315

■ 34.3921, 33.5841,
35.0943

■ 24.5738, 19.0159,
16.1967

■ 38.7991, 40.1786,
43.4059

■ 22.3473, 15.7594,
11.7655


■ 43.8130, 47.7048,
52.7892


■ 20.5942, 13.2241,
8.1878


■ 49.4556, 56.1970,
63.2807


■ 19.2799, 11.3551,
5.4084


■ 55.7477, 65.6877,
74.9149

 18.3652, 10.0895,
3.3657

 62.7091, 76.2080,
87.7249

 17.8037, 9.3523,
1.9889

 70.1015, 87.2731,
101.6566

 17.5599, 9.0404,
1.3659

 71.2657, 87.7387,
107.7869

Harmonies

Analogous

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



30.5004, 27.8838, 33.7584



30.5681, 27.8838, 27.8158



29.5069, 27.8838, 23.1967

Triad

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



30.5681, 27.8838, 27.8158



23.8664, 27.8838, 22.7960



25.3744, 27.8838, 42.6387

Complementary

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



30.5681, 27.8838, 27.8158



32.2244, 38.2434, 43.7153

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.



23.7097, 27.8838, 38.8659



30.5681, 27.8838, 27.8158



22.8706, 27.8838, 27.1990

Square

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



30.5681, 27.8838, 27.8158



25.5985, 27.8838, 20.5634



22.8148, 27.8838, 33.0563



27.4279, 27.8838, 42.8605

Rectangle

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



30.5681, 27.8838, 27.8158



28.3325, 27.8838, 21.2745



22.8148, 27.8838, 33.0563



24.7535, 27.8838, 41.7235

Sweetspot

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



30.5689, 27.8851, 27.8164



66.9388, 67.7292, 72.2638



32.7435, 28.6535, 43.8496



14.7742, 14.8983, 15.8659



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.5689, 27.8851, 27.8164



52.0643, 45.5538, 43.9572



32.6658, 32.5336, 27.1137



8.0366, 8.0279, 8.5033



12.7471, 6.5614, 1.0479



0.3648, 0.1866, 0.0826

Inverse Universe

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



30.5689, 27.8851, 27.8164



52.0643, 45.5538, 43.9572



29.6994, 32.5791, 44.7677



8.0366, 8.0279, 8.5033



12.7471, 6.5614, 1.0479



0.3648, 0.1866, 0.0826

Previews

White Background



This preview shows how the XYZ color 30.5681, 27.8838, 27.8158 looks on a white background.

Color Contrast Check

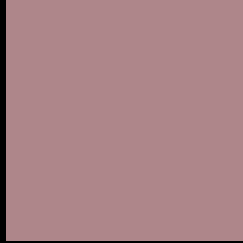
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5681, 27.8838, 27.8158 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 30.5681, 27.8838, 27.8158

Background



This preview shows how black text looks on a background with the XYZ color 30.5681, 27.8838, 27.8158.



This preview shows how white text looks on a background with the XYZ color 30.5681, 27.8838,

27.8158.

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

30.5681, 27.8838, 27.8158

Protanopia

26.9638, 28.1327, 29.9956

Deuteranopia

28.4459, 27.8484, 27.5429



Tritanopia

31.0247, 27.8722, 29.7313

Trichromacy



Original Color

30.5681, 27.8838, 27.8158

Protanomaly

28.0904, 27.8474, 29.0939

Deuteranomaly

29.1869, 27.8045, 27.4954

Tritanomaly

30.8744, 27.8121, 28.9403

Monochromacy



Original Color

30.5681, 27.8838, 27.8158

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.3412, 28.3971, 29.9740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5681, 27.8838, 27.8158 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(174, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 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(174, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.5681, 27.8838, 27.8158 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(174, 134, 138) }
```


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

```
.border{ border-color:rgb(174, 134, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5681, 27.8838, 27.8158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 138) }
```

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

```
.background{ background-color: rgb(174,  
134, 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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