

Converting Colors

XYZ(30.3966, 27.3051, 28.0761)

Have a look what the booklet for
XYZ(30.3966, 27.3051, 28.0761)
contains.

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Color

**XYZ(30.3670, 27.3653,
28.1076)**

Conversions

Conversions Part 1

Format	Color
Hex	AE848B
RGB	174, 132, 139
RGB Percent	68%, 52%, 55%
CMY	0.3176, 0.4823, 0.4549
CMYK	0.00, 0.24, 0.20, 0.32
HSL	350°, 21%, 60%
HSV	350°, 24%, 68%
XYZ	30.3670, 27.3653, 28.1076
YIQ	145.3560, 22.7850, 11.0810

Conversions

Conversions Part 2

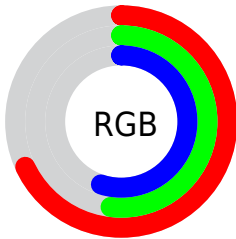
Format	Color
R_{YB}	174, 132, 139
Decimal	11437195
CIE _{Lab}	59.31, 17.20, 2.50
CIE _{LCh}	59, 17.380, 8.273
Yxy	27.3653, 0.3538, 0.3188
Android (android.graphics.Color)	4289627275 (0xFFAE848B)
YUV	145.3560, -3.1335, 25.1208
Hunter-Lab	52.3119, 12.0734, 4.7613

Details

The XYZ color **30.3670, 27.3653, 28.1076** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6279, 37.9683, 42.2227**, and the grayscale version is **27.0650, 28.4745, 31.0087**.

A 20% lighter version of the original color is **59.4965, 55.3267, 57.4125**, and **12.7056, 10.8208, 10.8702** is the 20% darker color. If you saturate the color by 10%, you get **27.2111, 22.6381, 22.1703**, and if you desaturate by 10%, it is **34.0585, 32.9384, 34.9176**.

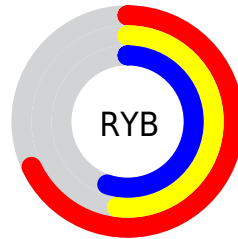
Distribution



Red (68%)

Green (52%)

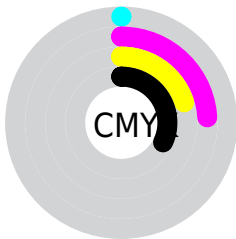
Blue (55%)



Red (68%)

Yellow (52%)

Blue (55%)

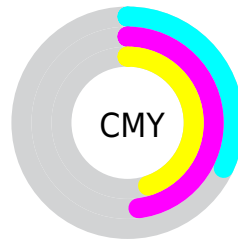


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3670, 27.3653, 28.1076 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 30.3670, 27.3653, 28.1076 by changing the saturation by 10% instead.

■ 30.3670, 27.3653,
28.1076

■ 30.3670, 27.3653,
28.1076

295.4906,
289.4215, 306.9088

■ 20.2668, 17.8478,
18.1670

■ 59.6247, 55.4695,
57.6814

■ 12.6985, 10.8407,
10.8993

■ 79.5130, 74.8250,
78.1516

■ 7.2968, 5.9598,
5.8858

■ 103.3946, 98.2285,
102.9689

■ 3.6964, 2.8207,
2.7081

131.6349,
126.0646, 132.5517

■ 1.5318, 1.0388,
0.9475

164.5993,
158.7175, 167.3185

■ 0.3474, 0.0000,
0.0000

202.6532,

■ 0.0000, 0.0000,

196.5717, 207.6879

0.0000

246.1618,
240.0116, 254.0785

■ 30.3670, 27.3653,
28.1076

■ 30.3670, 27.3653,
28.1076

■ 27.2111, 22.6381,
22.1703

■ 34.0585, 32.9384,
34.9176

■ 24.5636, 18.7117,
17.0685

■ 38.3067, 39.3918,
42.6318

■ 22.3982, 15.5427,
12.7649

■ 43.1344, 46.7630,
51.2826

■ 20.6854, 13.0821,
9.2187

■ 48.5622, 55.0859,
60.8999

■ 19.3922, 11.2750,
6.3853

■ 54.6099, 64.3928,
71.5126

■ 18.4812, 10.0584,
4.2155

■ 61.2963, 74.7143,
83.1481

■ 17.9081, 9.3569,
2.6533

■ 68.6395, 86.0800,
95.8328

■ 17.6772, 9.0874,
1.9840

■ 71.2656, 87.7387,
107.7869

Harmonies

Analogous

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



30.0870, 27.3653, 34.4484



30.3670, 27.3653, 28.1076



29.4295, 27.3653, 22.9827

Triad

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



30.3670, 27.3653, 28.1076



23.5071, 27.3653, 21.3556



24.4938, 27.3653, 42.3499

Complementary

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



30.3670, 27.3653, 28.1076



31.6279, 37.9683, 42.2227

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.



22.8661, 27.3653, 37.8384



30.3670, 27.3653, 28.1076



22.3188, 27.3653, 25.5828

Square

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



30.3670, 27.3653, 28.1076



25.4134, 27.3653, 19.4552



22.0909, 27.3653, 31.5510



26.6156, 27.3653, 43.2737

Rectangle

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



30.3670, 27.3653, 28.1076



28.2693, 27.3653, 20.7342



22.0909, 27.3653, 31.5510



23.8742, 27.3653, 41.1752

Sweetspot

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



30.3678, 27.3666, 28.1082



67.0734, 67.7831, 72.9727



31.8284, 27.7753, 43.7282



14.8063, 14.9112, 16.0351



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.



30.3678, 27.3666, 28.1082



51.8871, 44.8419, 45.0003



31.9001, 31.2235, 26.1768



8.0577, 8.0363, 8.6145



12.8368, 6.5973, 1.5202



0.3732, 0.1899, 0.1268

Inverse Universe

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



30.3678, 27.3666, 28.1082



51.8871, 44.8419, 45.0003



29.7275, 33.1041, 44.8675



8.0577, 8.0363, 8.6145



12.8368, 6.5973, 1.5202



0.3732, 0.1899, 0.1268

Previews

White Background



This preview shows how the XYZ color 30.3670, 27.3653, 28.1076 looks on a white background.

Color Contrast Check

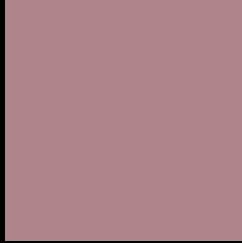
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3670, 27.3653, 28.1076 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 30.3670, 27.3653, 28.1076

Background



This preview shows how black text looks on a background with the XYZ color 30.3670, 27.3653, 28.1076.



This preview shows how white text looks on a background with the XYZ color 30.3670, 27.3653,

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

[30.3670, 27.3653, 28.1076](#)

Protanopia

[26.4609, 27.4101, 30.6841](#)

Deuteranopia

[27.9740, 27.3829, 27.8558](#)



Tritanopia

30.5893, 27.4542, 29.2781

Trichromacy



Original Color

30.3670, 27.3653, 28.1076

Protanomaly

27.7567, 27.2280, 29.7792

Deuteranomaly

28.7014, 27.3358, 27.8084

Tritanomaly

30.5145, 27.4243, 28.8844

Monochromacy



Original Color

30.3670, 27.3653, 28.1076

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.0463, 27.8073, 29.8757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3670, 27.3653, 28.1076 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, 132, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 132, 139)  
}
```

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, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 132, 139) }
```

Border

The CSS property to change the border of an element to XYZ 30.3670, 27.3653, 28.1076 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, 132, 139) }
```


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

```
.border{ border-color:rgb(174, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 132, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 132, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 132,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3670, 27.3653, 28.1076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 132, 139) }
```

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

```
.background{ background-color: rgb(174,  
132, 139) }
```

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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