

Converting Colors

XYZ(30.4052, 28.6291, 28.1393)

Have a look what the booklet for
XYZ(30.4052, 28.6291, 28.1393)
contains.

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Color

**XYZ(30.4705, 28.6699,
27.9726)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8A8A
RGB	171, 138, 138
RGB Percent	67%, 54%, 54%
CMY	0.3294, 0.4588, 0.4588
CMYK	0.00, 0.19, 0.19, 0.33
HSL	0°, 16%, 61%
HSV	0°, 19%, 67%
XYZ	30.4705, 28.6699, 27.9726
YIQ	147.8670, 19.6680, 6.9960

Conversions

Conversions Part 2

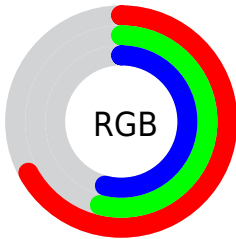
Format	Color
R_{YB}	171, 138, 138
Decimal	11242122
CIE _{Lab}	60.49, 12.51, 4.74
CIE _{LCh}	60, 13.375, 20.740
Yxy	28.6699, 0.3498, 0.3291
Android (android.graphics.Color)	4289432202 (0xFFAB8A8A)
YUV	147.8670, -4.8644, 20.2876
Hunter-Lab	53.5443, 7.8767, 6.5067

Details

The XYZ color **30.4705, 28.6699, 27.9726** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.3944, 37.4683, 44.0530**, and the grayscale version is **28.1074, 29.5712, 32.2031**.

A 20% lighter version of the original color is **59.9322, 57.7918, 57.2864**, and **12.7224, 11.5356, 10.7886** is the 20% darker color. If you saturate the color by 10%, you get **27.0658, 23.6880, 21.2030**, and if you desaturate by 10%, it is **34.4580, 34.5048, 35.8988**.

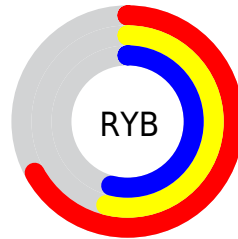
Distribution



Red (67%)

Green (54%)

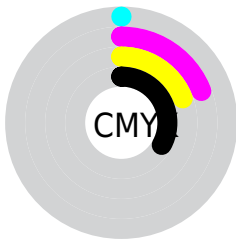
Blue (54%)



Red (67%)

Yellow (54%)

Blue (54%)

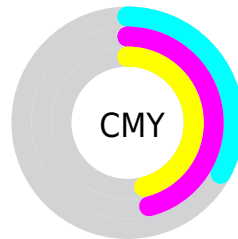


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4705, 28.6699, 27.9726 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 30.4705, 28.6699, 27.9726 by changing the saturation by 10% instead.


 30.4705, 28.6699,
27.9726


 30.4705, 28.6699,
27.9726


295.9621,
295.6543, 306.2438


 20.3458, 18.8312,
18.0661


 59.7870, 57.5522,
57.4633

 12.7564, 11.5484,
10.8276


 79.7095, 77.3647,
77.8846

 7.3369, 6.4370,
5.8383


 103.6287,
101.2705, 102.6479

 3.7218, 3.1126,
2.6798

131.9099,
129.6541, 132.1718

 1.5460, 1.1908,
0.9332

164.9185,
162.8999, 166.8748

 0.3568, 0.0542,
0.0000

203.0198,

 0.0000, 0.0000,

201.3922, 207.1754

0.0000

246.5792,
245.5156, 253.4922

■ 30.4705, 28.6699,
27.9726

■ 30.4705, 28.6699,
27.9726

■ 27.0658, 23.6880,
21.2030

■ 34.4580, 34.5048,
35.8988

■ 24.2143, 19.5154,
15.5344

■ 39.0512, 41.2258,
45.0302

■ 21.8875, 16.1107,
10.9090

■ 44.2747, 48.8692,
55.4148

■ 20.0535, 13.4270,
7.2632

■ 50.1511, 57.4679,
67.0975

■ 18.6769, 11.4125,
4.5267

■ 56.7019, 67.0533,
80.1209

■ 17.7173, 10.0083,
2.6195

■ 63.9475, 77.6554,
94.5256

■ 17.1278, 9.1456,
1.4478

■ 70.6047, 87.3980,
107.7560

■ 16.8145, 8.6871,
0.8250

■ 16.7949, 8.6584,
0.7860

Harmonies

Analogous

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



30.6558, 28.6699, 32.7701



30.4705, 28.6699, 27.9726



29.4030, 28.6699, 24.4250

Triad

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



30.4705, 28.6699, 27.9726



24.7619, 28.6699, 25.5835



26.7197, 28.6699, 41.5603

Complementary

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



30.4705, 28.6699, 27.9726



32.3944, 37.4683, 44.0530

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.



25.2046, 28.6699, 39.1632



30.4705, 28.6699, 27.9726



24.1060, 28.6699, 29.7131

Square

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



30.4705, 28.6699, 27.9726



26.0923, 28.6699, 23.1501



24.2646, 28.6699, 34.7023



28.4412, 28.6699, 40.9681

Rectangle

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



30.4705, 28.6699, 27.9726



28.3585, 28.6699, 23.0815



24.2646, 28.6699, 34.7023



26.1705, 28.6699, 41.0687

Sweetspot

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



30.4713, 28.6712, 27.9732



64.2178, 65.4623, 69.2736



33.2340, 29.7755, 42.5239



14.2092, 14.4350, 15.2264



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.4713, 28.6712, 27.9732



51.9430, 47.5011, 44.8714



33.0206, 33.7698, 28.8230



8.0053, 8.0155, 8.3386



12.6608, 6.5272, 0.5926



0.3522, 0.1816, 0.0165

Inverse Universe

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



32.3944, 37.4683, 44.0530



56.0011, 66.0641, 78.8020



29.4705, 31.6205, 43.0783



8.2363, 9.0720, 10.2697



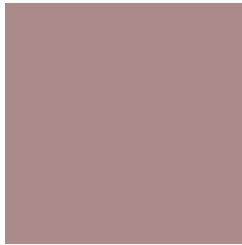
16.5171, 24.1680, 32.8389



0.4595, 0.6724, 0.9135

Previews

White Background



This preview shows how the XYZ color 30.4705, 28.6699, 27.9726 looks on a white background.

Color Contrast Check

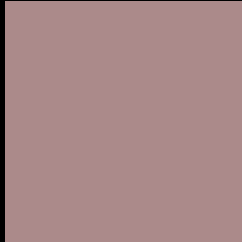
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4705, 28.6699, 27.9726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

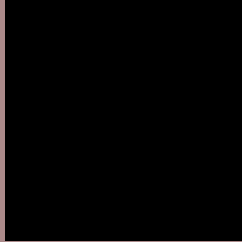
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4705, 28.6699, 27.9726

Background



This preview shows how black text looks on a background with the XYZ color 30.4705, 28.6699, 27.9726.



This preview shows how white text looks on a background with the XYZ color 30.4705, 28.6699,

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

30.4705, 28.6699, 27.9726

Protanopia

27.5856, 28.6878, 29.6746

Deuteranopia

29.1445, 28.6424, 27.6594



Tritanopia

31.2254, 28.7686, 31.5109

Trichromacy



Original Color

30.4705, 28.6699, 27.9726

Protanomaly

28.5813, 28.5382, 29.2013

Deuteranomaly

29.6193, 28.6693, 27.6395

Tritanomaly

30.9930, 28.6756, 30.2870

Monochromacy



Original Color

30.4705, 28.6699, 27.9726

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.7176, 29.0281, 30.4750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4705, 28.6699, 27.9726 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(171, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 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(171, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.4705, 28.6699, 27.9726 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(171, 138, 138) }
```


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

```
.border{ border-color:rgb(171, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(171, 138,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4705, 28.6699, 27.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 138) }
```

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

```
.background{ background-color: rgb(171,  
138, 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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