

Converting Colors

XYZ(30.3496, 28.7332, 25.8947)

Have a look what the booklet for
XYZ(30.3496, 28.7332, 25.8947)
contains.

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Color

**XYZ(30.2666, 28.6136,
25.7575)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8A84
RGB	172, 138, 132
RGB Percent	67%, 54%, 52%
CMY	0.3255, 0.4588, 0.4823
CMYK	0.00, 0.20, 0.23, 0.33
HSL	9°, 19%, 60%
HSV	9°, 23%, 67%
XYZ	30.2666, 28.6136, 25.7575
YIQ	147.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

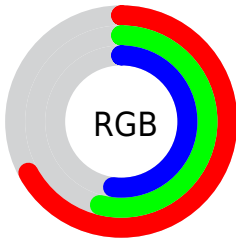
Format	Color
R_{YB}	172, 139, 132
Decimal	11307652
CIE _{Lab}	60.44, 11.96, 8.10
CIE _{LCh}	60, 14.443, 34.106
Yxy	28.6136, 0.3576, 0.3381
Android (android.graphics.Color)	4289497732 (0xFFAC8A84)
YUV	147.4820, -7.6326, 21.5023
Hunter-Lab	53.4917, 7.3882, 8.8947

Details

The XYZ color **30.2666, 28.6136, 25.7575** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.5979, 35.1554, 44.2029**, and the grayscale version is **27.9577, 29.4137, 32.0315**.

A 20% lighter version of the original color is **59.6015, 57.6960, 53.8941**, and **12.6588, 11.5259, 9.7411** is the 20% darker color. If you saturate the color by 10%, you get **27.2273, 24.2658, 19.4084**, and if you desaturate by 10%, it is **33.7838, 33.6063, 33.2240**.

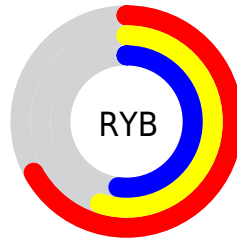
Distribution



Red (67%)

Green (54%)

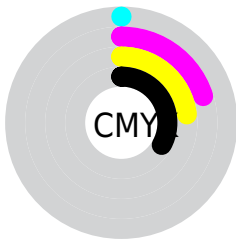
Blue (52%)



Red (67%)

Yellow (55%)

Blue (52%)

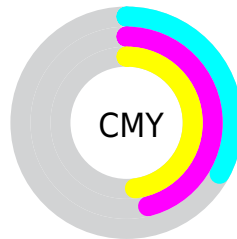


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2666, 28.6136, 25.7575 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 30.2666, 28.6136, 25.7575 by changing the saturation by 10% instead.


 30.2666, 28.6136,
25.7575


 30.2666, 28.6136,
25.7575


295.0327,
295.3874, 295.1571


 20.1901, 18.7887,
16.4182


 59.4673, 57.4626,
53.8627

 12.6424, 11.5177,
9.6630


 79.3222, 77.2555,
73.4658

 7.2580, 6.4162,
5.0734


 103.1672,
101.1399, 97.3271

 3.6718, 3.0998,
2.2309

131.3678,
129.5001, 125.8652

 1.5182, 1.1840,
0.6921

164.2893,
162.7206, 159.4988

 0.3381, 0.0486,
0.0000

202.2971,

 0.0000, 0.0000,

201.1857, 198.6462

0.0000

245.7564,
245.2798, 243.7262

■ 30.2666, 28.6136,
25.7575

■ 30.2666, 28.6136,
25.7575

■ 27.2273, 24.2658,
19.4084

■ 33.7838, 33.6063,
33.2240

■ 24.6430, 20.5328,
14.1211

■ 37.7961, 39.2646,
41.8563

■ 22.4921, 17.3878,
9.8380

■ 42.3225, 45.6132,
51.7020

■ 20.7506, 14.8007,
6.4952

■ 47.3805, 52.6744,
62.8057

■ 19.3917, 12.7385,
4.0216

■ 52.9867, 60.4693,
75.2095

■ 18.3858, 11.1648,
2.3355

■ 59.1568, 69.0184,
88.9537

■ 17.6984, 10.0385,
1.3400

■ 65.9061, 78.3412,
104.0768

■ 17.3787, 9.5014,
0.9180

■ 70.8080, 87.4801,
107.7611

■ 70.8233, 87.5107,
107.7662

Harmonies

Analogous

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



30.9221, 28.6136, 30.4277



30.2666, 28.6136, 25.7575



28.7884, 28.6136, 22.8192

Triad

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



30.2666, 28.6136, 25.7575



24.1041, 28.6136, 26.8927



27.4533, 28.6136, 42.5297

Complementary

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



30.2666, 28.6136, 25.7575



30.5979, 35.1554, 44.2029

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.



25.6641, 28.6136, 41.3084



30.2666, 28.6136, 25.7575



23.7827, 28.6136, 31.8945

Square

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



30.2666, 28.6136, 25.7575



25.2398, 28.6136, 23.4203



24.3411, 28.6136, 37.2591



29.2516, 28.6136, 40.4296

Rectangle

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



30.2666, 28.6136, 25.7575



27.5653, 28.6136, 22.0367



24.3411, 28.6136, 37.2591



26.8307, 28.6136, 42.4954

Sweetspot

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



30.2674, 28.6149, 25.7581



65.6417, 67.1127, 69.6162



32.1477, 28.0267, 39.7919



14.1750, 14.4577, 14.9345



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.



30.2674, 28.6149, 25.7581



51.9105, 47.6299, 40.4389



33.4052, 34.8906, 26.8040



8.0987, 8.2022, 8.3697



12.9588, 7.1231, 0.6919



0.3896, 0.2563, 0.0289

Inverse Universe

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



30.5979, 35.1554, 44.2029



52.6142, 61.6251, 79.9275



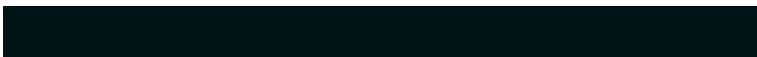
27.2413, 28.4422, 43.0840



8.1324, 8.8642, 10.2350



13.2434, 17.6206, 31.7476



0.3957, 0.5447, 0.8923

Previews

White Background



This preview shows how the XYZ color 30.2666, 28.6136, 25.7575 looks on a white background.

Color Contrast Check

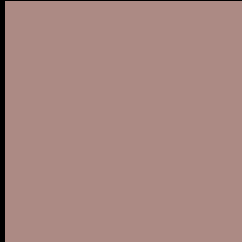
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2666, 28.6136, 25.7575 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

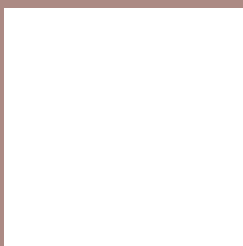
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2666, 28.6136, 25.7575

Background



This preview shows how black text looks on a background with the XYZ color 30.2666, 28.6136, 25.7575.



This preview shows how white text looks on a background with the XYZ color 30.2666, 28.6136,

25.7575.

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

30.2666, 28.6136, 25.7575

Protanopia

27.3318, 28.6077, 27.3738

Deuteranopia

29.1387, 28.6878, 25.4743



Tritanopia

31.4480, 28.6823, 31.0729

Trichromacy



Original Color

30.2666, 28.6136, 25.7575

Protanomaly

28.3443, 28.4662, 26.9223

Deuteranomaly

29.6233, 28.7197, 25.4549

Tritanomaly

30.9870, 28.6986, 29.1055

Monochromacy



Original Color

30.2666, 28.6136, 25.7575

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.5660, 28.9674, 29.6769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2666, 28.6136, 25.7575 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(172, 138, 132)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 132)  
}
```

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(172, 138, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 132) }
```

Border

The CSS property to change the border of an element to XYZ 30.2666, 28.6136, 25.7575 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(172, 138, 132) }
```


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

```
.border{ border-color:rgb(172, 138, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 132);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2666, 28.6136, 25.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 132) }
```

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

```
.background{ background-color: rgb(172,  
138, 132) }
```

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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