

Converting Colors

XYZ(28.7355, 25.9538, 30.3773)

Have a look what the booklet for
XYZ(28.7355, 25.9538, 30.3773)
contains.

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Color

**XYZ(28.6870, 25.8518,
30.2660)**

Conversions

Conversions Part 1

Format	Color
Hex	A68191
RGB	166, 129, 145
RGB Percent	65%, 51%, 57%
CMY	0.3490, 0.4941, 0.4314
CMYK	0.00, 0.22, 0.13, 0.35
HSL	334°, 17%, 58%
HSV	334°, 22%, 65%
XYZ	28.6870, 25.8518, 30.2660
YIQ	141.8870, 16.9160, 12.8200

Conversions

Conversions Part 2

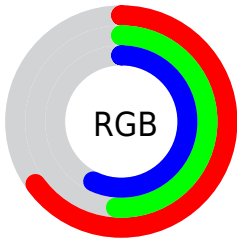
Format	Color
R_{YB}	166, 129, 145
Decimal	10912145
CIE _{Lab}	57.90, 16.87, -3.12
CIE _{LCh}	58, 17.160, 349.530
Yxy	25.8518, 0.3383, 0.3048
Android (android.graphics.Color)	4289102225 (0xFFA68191)
YUV	141.8870, 1.5347, 21.1471
Hunter-Lab	50.8447, 11.7331, 0.2981

Details

The XYZ color **28.6870, 25.8518, 30.2660** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.1956, 34.1423, 33.9598**, and the grayscale version is **25.6565, 26.9926, 29.3950**.

A 20% lighter version of the original color is **56.8555, 52.9516, 61.2569**, and **11.8010, 9.9956, 12.1338** is the 20% darker color. If you saturate the color by 10%, you get **25.9789, 21.5503, 25.9262**, and if you desaturate by 10%, it is **31.8121, 30.8902, 35.0427**.

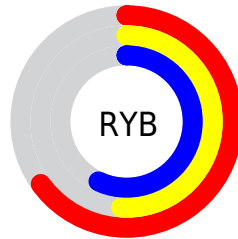
Distribution



Red (65%)

Green (51%)

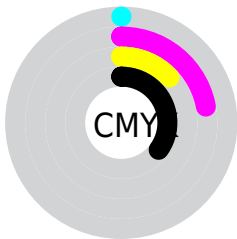
Blue (57%)



Red (65%)

Yellow (51%)

Blue (57%)

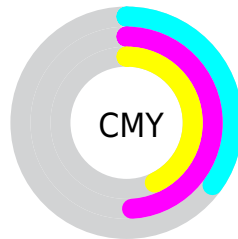


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6870, 25.8518, 30.2660 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 28.6870, 25.8518, 30.2660 by changing the saturation by 10% instead.

■ 28.6870, 25.8518,
30.2660

■ 28.6870, 25.8518,
30.2660

287.7562,
282.0538, 317.3882

■ 18.9873, 16.7128,
19.7868

■ 56.9804, 53.0358,
61.1486

■ 11.7650, 10.0299,
12.0576

■ 76.3048, 71.8495,
82.3890

■ 6.6549, 5.4188,
6.6599

■ 99.5682, 94.6570,
108.0536

■ 3.2917, 2.4950,
3.1751

127.1358,
121.8426, 138.5610

■ 1.3098, 0.8741,
1.1847

159.3730,
153.7906, 174.3295

■ 0.1905, 0.0000,
0.0000

196.6453,

■ 0.0000, 0.0000,

190.8856, 215.7779

0.0000

239.3179,
233.5119, 263.3246

■ 28.6870, 25.8518,
30.2660

■ 28.6870, 25.8518,
30.2660

■ 25.9789, 21.5503,
25.9262

■ 31.8121, 30.8902,
35.0427

■ 23.6670, 17.9474,
22.0083

■ 35.3693, 36.6944,
40.2675

■ 21.7320, 15.0066,
18.4988

■ 39.3757, 43.2963,
45.9530

■ 20.1520, 12.6864,
15.3825

■ 43.8469, 50.7247,
52.1109

■ 18.9026, 10.9411,
12.6433

■ 48.7976, 59.0070,
58.7524

■ 17.9562, 9.7181,
10.2635

■ 54.2418, 68.1693,
65.8883

■ 17.2804, 8.9551,
8.2233

■ 60.1930, 78.2367,
73.5290

■ 16.8885, 8.5721,
6.8572

■ 64.4548, 84.8146,
80.9482

■ 65.7413, 85.3292,
87.7229

Harmonies

Analogous

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



27.7180, 25.8518, 36.1942



28.6870, 25.8518, 30.2660



28.5074, 25.8518, 24.5148

Triad

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



28.6870, 25.8518, 30.2660



23.2676, 25.8518, 18.7323



22.0829, 25.8518, 37.7172

Complementary

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



28.6870, 25.8518, 30.2660



28.1956, 34.1423, 33.9598

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.



21.0154, 25.8518, 32.1240



28.6870, 25.8518, 30.2660



21.6724, 25.8518, 21.3929

Square

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



28.6870, 25.8518, 30.2660



25.3001, 25.8518, 18.3801



20.8695, 25.8518, 26.1316



23.8567, 25.8518, 40.8788

Rectangle

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



28.6870, 25.8518, 30.2660



27.7634, 25.8518, 21.5121



20.8695, 25.8518, 26.1316



21.6339, 25.8518, 36.0254

Sweetspot

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



28.6877, 25.8530, 30.2665



60.9647, 61.3173, 68.3858



27.3057, 24.9358, 39.4508



13.5617, 13.5894, 15.1843



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.



28.6877, 25.8530, 30.2665



49.4094, 42.6859, 50.7256



27.8684, 26.0514, 24.3298



7.6607, 7.5942, 8.5307



13.1187, 6.6562, 5.4364



0.3450, 0.1723, 0.2684

Inverse Universe

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



28.6877, 25.8530, 30.2665



49.4094, 42.6859, 50.7256



29.1291, 33.8052, 41.0666



7.6607, 7.5942, 8.5307



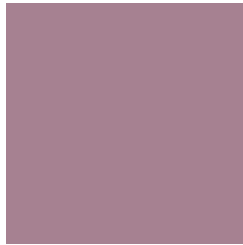
13.1187, 6.6562, 5.4364



0.3450, 0.1723, 0.2684

Previews

White Background



This preview shows how the XYZ color 28.6870, 25.8518, 30.2660 looks on a white background.

Color Contrast Check

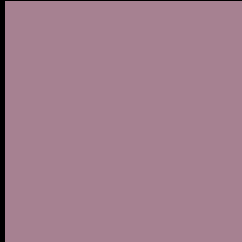
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6870, 25.8518, 30.2660 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 28.6870, 25.8518, 30.2660

Background



This preview shows how black text looks on a background with the XYZ color 28.6870, 25.8518, 30.2660.



This preview shows how white text looks on a background with the XYZ color 28.6870, 25.8518,

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

28.6870, 25.8518, 30.2660

Protanopia

25.3219, 25.9003, 32.9428

Deuteranopia

26.4605, 25.9209, 29.9942



Tritanopia

28.2333, 25.8580, 28.3140

Trichromacy



Original Color

28.6870, 25.8518, 30.2660

Protanomaly

26.4832, 25.8874, 32.0347

Deuteranomaly

27.1319, 25.8566, 29.9464

Tritanomaly

28.3822, 25.9176, 29.0979

Monochromacy



Original Color

28.6870, 25.8518, 30.2660

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.6661, 26.4538, 29.6872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6870, 25.8518, 30.2660 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(166, 129, 145)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 145)  
}
```

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(166, 129, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 145) }
```

Border

The CSS property to change the border of an element to XYZ 28.6870, 25.8518, 30.2660 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(166, 129, 145) }
```


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

```
.border{ border-color:rgb(166, 129, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 129, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 145);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6870, 25.8518, 30.2660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 129, 145) }
```

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

```
.background{ background-color: rgb(166,  
129, 145) }
```

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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