

Converting Colors

XYZ(28.7644, 25.8828, 30.6740)

Have a look what the booklet for
XYZ(28.7644, 25.8828, 30.6740)
contains.

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Color

**XYZ(28.7644, 25.8828,
30.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	A68192
RGB	166, 129, 146
RGB Percent	65%, 51%, 57%
CMY	0.3490, 0.4941, 0.4274
CMYK	0.00, 0.22, 0.12, 0.35
HSL	332°, 17%, 58%
HSV	332°, 22%, 65%
XYZ	28.7644, 25.8828, 30.6740
YIQ	142.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

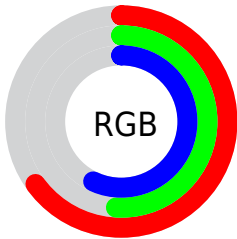
Format	Color
R_{YB}	166, 129, 146
Decimal	10912146
CIE _{Lab}	57.93, 17.05, -3.65
CIE _{LCh}	58, 17.435, 347.911
Yxy	25.8828, 0.3371, 0.3034
Android (android.graphics.Color)	4289102226 (0xFFA68192)
YUV	142.0010, 1.9715, 21.0471
Hunter-Lab	50.8751, 11.8910, -0.1349

Details

The XYZ color **28.7644, 25.8828, 30.6740** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **28.1153, 34.1101, 33.5373**, and the grayscale version is **25.7000, 27.0384, 29.4448**.

A 20% lighter version of the original color is **56.9721, 52.9982, 61.8705**, and **11.8467, 10.0139, 12.3748** is the 20% darker color. If you saturate the color by 10%, you get **26.0821, 21.5917, 26.4701**, and if you desaturate by 10%, it is **31.8582, 30.9086, 35.2860**.

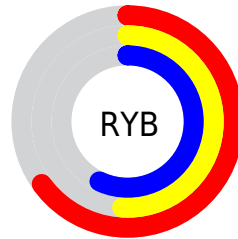
Distribution



Red (65%)

Green (51%)

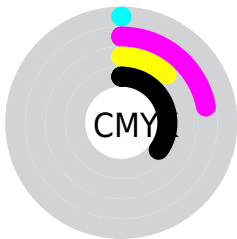
Blue (57%)



Red (65%)

Yellow (51%)

Blue (57%)

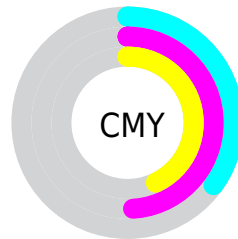


Cyan (0%)

Magenta (22%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7644, 25.8828, 30.6740 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 28.7644, 25.8828, 30.6740 by changing the saturation by 10% instead.

■ 28.7644, 25.8828,
30.6740

■ 28.7644, 25.8828,
30.6740

288.1160,
282.2063, 319.3382

■ 19.0460, 16.7360,
20.0944

■ 57.1027, 53.0858,
61.8000

■ 11.8078, 10.0464,
12.2789

■ 76.4534, 71.9108,
83.1834

■ 6.6842, 5.4298,
6.8091

■ 99.7455, 94.7306,
109.0052

■ 3.3099, 2.5016,
3.2664

127.3445,
121.9297, 139.6839

■ 1.3197, 0.8774,
1.2322

159.6157,
153.8924, 175.6380

■ 0.1979, 0.0000,
0.0052

196.9245,

■ 0.0000, 0.0000,

191.0031, 217.2860

0.0000

239.6361,
233.6463, 265.0466

■ 28.7644, 25.8828,
30.6740

■ 28.7644, 25.8828,
30.6740

■ 26.0821, 21.5917,
26.4701

■ 31.8582, 30.9086,
35.2860

■ 23.7908, 17.9970,
22.6605

■ 35.3785, 36.6981,
40.3162

■ 21.8713, 15.0623,
19.2326

■ 39.3421, 43.2829,
45.7764

■ 20.3019, 12.7464,
16.1725

■ 43.7645, 50.6917,
51.6772

■ 19.0586, 11.0035,
13.4655

■ 48.6601, 58.9519,
58.0289

■ 18.1140, 9.7812,
11.0950

■ 54.0429, 68.0897,
64.8415

■ 17.4359, 9.0173,
9.0428

■ 59.9261, 78.1299,
72.1246

■ 17.0397, 8.6325,
7.6539

■ 64.1134, 84.6780,
79.1510

■ 65.3185, 85.1600,
85.4970

Harmonies

Analogous

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



27.7209, 25.8828, 36.6661



28.7644, 25.8828, 30.6740



28.6467, 25.8828, 24.7728

Triad

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



28.7644, 25.8828, 30.6740



23.3797, 25.8828, 18.5478



21.9922, 25.8828, 37.6650

Complementary

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



28.7644, 25.8828, 30.6740



28.1153, 34.1101, 33.5373

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.



20.9550, 25.8828, 31.8904



28.7644, 25.8828, 30.6740



21.7242, 25.8828, 21.1193

Square

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



28.7644, 25.8828, 30.6740



25.4562, 25.8828, 18.3187



20.8598, 25.8828, 25.8287



23.7648, 25.8828, 41.0703

Rectangle

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



28.7644, 25.8828, 30.6740



27.9262, 25.8828, 21.6566



20.8598, 25.8828, 25.8287



21.5505, 25.8828, 35.9018

Sweetspot

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



28.7651, 25.8840, 30.6745



61.0153, 61.3376, 68.6521



27.0800, 24.8195, 39.4400



13.5739, 13.5943, 15.2484



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.



28.7651, 25.8840, 30.6745



49.5757, 42.7524, 51.6012



27.7029, 25.7206, 24.2747



7.6691, 7.5975, 8.5746



13.2365, 6.7033, 6.0568



0.3480, 0.1735, 0.2843

Inverse Universe

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



28.7651, 25.8840, 30.6745



49.5757, 42.7524, 51.6012



29.3500, 34.2470, 41.1400



7.6691, 7.5975, 8.5746



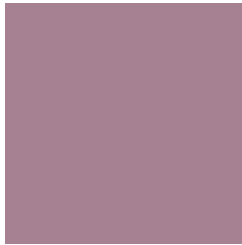
13.2365, 6.7033, 6.0568



0.3480, 0.1735, 0.2843

Previews

White Background



This preview shows how the XYZ color 28.7644, 25.8828, 30.6740 looks on a white background.

Color Contrast Check

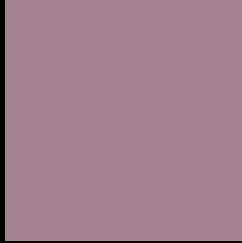
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.7644, 25.8828, 30.6740 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 28.7644, 25.8828, 30.6740

Background



This preview shows how black text looks on a background with the XYZ color 28.7644, 25.8828, 30.6740.



This preview shows how white text looks on a background with the XYZ color 28.7644, 25.8828,

30.6740.

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

28.7644, 25.8828, 30.6740

Protanopia

25.3813, 26.1355, 33.4127

Deuteranopia

26.3525, 25.8563, 30.3899



Tritanopia

28.2333, 25.8580, 28.3140

Trichromacy



Original Color

28.7644, 25.8828, 30.6740

Protanomaly

26.3817, 25.8259, 32.4486

Deuteranomaly

27.2087, 25.8873, 30.3508

Tritanomaly

28.3822, 25.9176, 29.0979

Monochromacy



Original Color

28.7644, 25.8828, 30.6740

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 28.7644, 25.8828, 30.6740 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(166, 129, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 129, 146) }
```

Border

The CSS property to change the border of an element to XYZ 28.7644, 25.8828, 30.6740 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, 146) }
```


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

```
.border{ border-color:rgb(166, 129, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 129, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 129, 146);  
box-shadow:4px 4px 4px 4px rgb(166, 129,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7644, 25.8828, 30.6740 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, 146) }
```

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

```
.background{ background-color: rgb(166,  
129, 146) }
```

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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