

Converting Colors

XYZ(28.6382, 26.6678, 28.4490)

Have a look what the booklet for
XYZ(28.6382, 26.6678, 28.4490)
contains.

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Color

**XYZ(28.6382, 26.6678,
28.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	A5858C
RGB	165, 133, 140
RGB Percent	65%, 52%, 55%
CMY	0.3529, 0.4784, 0.4510
CMYK	0.00, 0.19, 0.15, 0.35
HSL	347°, 15%, 58%
HSV	347°, 19%, 65%
XYZ	28.6382, 26.6678, 28.4490
YIQ	143.3660, 16.8250, 8.9610

Conversions

Conversions Part 2

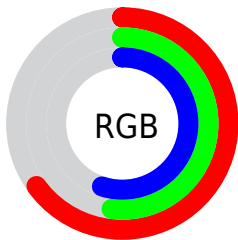
Format	Color
R_{YB}	165, 133, 140
Decimal	10847628
CIE _{Lab}	58.67, 13.37, 0.87
CIE _{LCh}	59, 13.396, 3.743
Yxy	26.6678, 0.3419, 0.3184
Android (android.graphics.Color)	4289037708 (0xFFA5858C)
YUV	143.3660, -1.6594, 18.9730
Hunter-Lab	51.6409, 8.6182, 3.4857

Details

The XYZ color **28.6382, 26.6678, 28.4490** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.3006, 34.3661, 37.4383**, and the grayscale version is **26.2570, 27.6244, 30.0830**.

A 20% lighter version of the original color is **56.6997, 54.1837, 57.9222**, and **11.7488, 10.4354, 11.0679** is the 20% darker color. If you saturate the color by 10%, you get **25.6587, 22.1418, 23.0375**, and if you desaturate by 10%, it is **32.0855, 31.9505, 34.5666**.

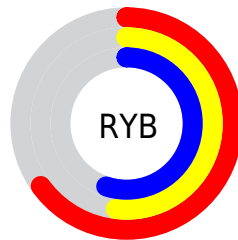
Distribution



Red (65%)

Green (52%)

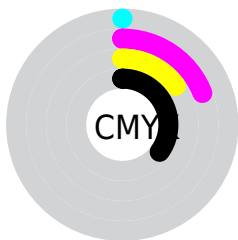
Blue (55%)



Red (65%)

Yellow (52%)

Blue (55%)

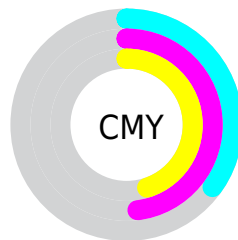


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (35%)



Cyan (35%)

Magenta (48%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6382, 26.6678, 28.4490 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 28.6382, 26.6678, 28.4490 by changing the saturation by 10% instead.


 28.6382, 26.6678,
28.4490


 28.6382, 26.6678,
28.4490


287.5291,
286.0451, 308.5854


 18.9502, 17.3239,
18.4224


 56.9033, 54.3503,
58.2322

 11.7381, 10.4657,
11.0811


 76.2111, 73.4577,
78.8259

 6.6365, 5.7088,
6.0066


 99.4563, 96.5884,
103.7790

 3.2801, 2.6688,
2.7802

127.0041,
124.1268, 133.5102

 1.3036, 0.9614,
0.9835

159.2199,
156.4573, 168.4378

 0.1859, 0.0000,
0.0000

196.4691,

 0.0000, 0.0000,

193.9642, 208.9806

0.0000

239.1171,
237.0320, 255.5569

■ 28.6382, 26.6678,
28.4490

■ 28.6382, 26.6678,
28.4490

■ 25.6587, 22.1418,
23.0375

■ 32.0855, 31.9505,
34.5666

■ 23.1244, 18.3343,
18.3047

■ 36.0173, 38.0186,
41.4129

■ 21.0141, 15.2093,
14.2239

■ 40.4525, 44.9037,
49.0116

■ 19.3040, 12.7259,
10.7660

■ 45.4082, 52.6348,
57.3849

■ 17.9681, 10.8394,
7.8995

■ 50.9005, 61.2392,
66.5539

■ 16.9768, 9.4986,
5.5902

■ 56.9452, 70.7431,
76.5391

■ 16.2961, 8.6443,
3.8000

■ 63.5570, 81.1716,
87.3601

■ 15.8599, 8.1539,
2.4773

■ 67.4753, 85.9986,
97.9441

■ 15.8369, 8.1273,
2.4098

■ 69.3272, 86.7394,
107.6962

Harmonies

Analogous

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



28.2927, 26.6678, 33.2342



28.6382, 26.6678, 28.4490



28.0709, 26.6678, 24.2872

Triad

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



28.6382, 26.6678, 28.4490



23.6292, 26.6678, 22.1327



23.9724, 26.6678, 37.9480

Complementary

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



28.6382, 26.6678, 28.4490



29.3006, 34.3661, 37.4383

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.



22.8051, 26.6678, 34.3683



28.6382, 26.6678, 28.4490



22.6131, 26.6678, 25.2084

Square

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



28.6382, 26.6678, 28.4490



25.1409, 26.6678, 20.8983



22.3180, 26.6678, 29.6324



25.5541, 26.6678, 39.0534

Rectangle

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



28.6382, 26.6678, 28.4490



27.2652, 26.6678, 22.3236



22.3180, 26.6678, 29.6324



23.5208, 26.6678, 36.9764

Sweetspot

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



28.6389, 26.6690, 28.4496



59.6759, 60.6292, 65.7838



29.1888, 26.7148, 39.2157



12.9555, 13.1147, 14.2229



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.6389, 26.6690, 28.4496



49.0408, 44.3357, 46.8958



29.3552, 28.9013, 26.2230



7.1342, 7.1101, 7.6933



11.9966, 6.1547, 1.9070



0.2680, 0.1357, 0.1242

Inverse Universe

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



28.6389, 26.6690, 28.4496



49.0408, 44.3357, 46.8958



28.4323, 31.6379, 40.2058



7.1342, 7.1101, 7.6933



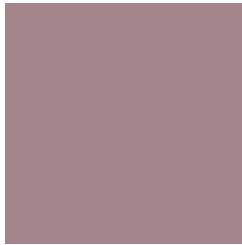
11.9966, 6.1547, 1.9070



0.2680, 0.1357, 0.1242

Previews

White Background



This preview shows how the XYZ color 28.6382, 26.6678, 28.4490 looks on a white background.

Color Contrast Check

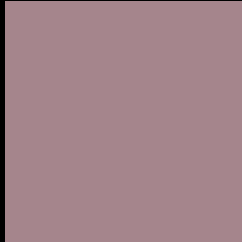
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6382, 26.6678, 28.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

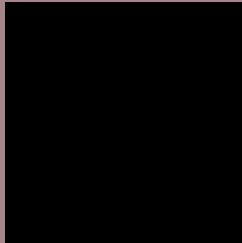
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6382, 26.6678, 28.4490

Background



This preview shows how black text looks on a background with the XYZ color 28.6382, 26.6678, 28.4490.



This preview shows how white text looks on a background with the XYZ color 28.6382, 26.6678,

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

28.6382, 26.6678, 28.4490

Protanopia

25.8866, 26.9030, 30.2140

Deuteranopia

27.3162, 26.8233, 28.1638



Tritanopia

28.8625, 26.7576, 29.6301

Trichromacy



Original Color

28.6382, 26.6678, 28.4490

Protanomaly

26.8089, 26.7394, 29.7348

Deuteranomaly

27.7624, 26.8433, 28.1441

Tritanomaly

28.7871, 26.7274, 29.2328

Monochromacy



Original Color

28.6382, 26.6678, 28.4490

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.8776, 26.9975, 29.3856

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6382, 26.6678, 28.4490 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(165, 133, 140)` looks like.

```
.text, #text, p{  
    color:rgb(165, 133, 140)  
}
```

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(165, 133, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 133, 140) }
```

Border

The CSS property to change the border of an element to XYZ 28.6382, 26.6678, 28.4490 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(165, 133, 140) }
```


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

```
.border{ border-color:rgb(165, 133, 140) }
```

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

Here you see how a box with a 4 pixel rgb(165, 133, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 133, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 133, 140);  
box-shadow:4px 4px 4px 4px rgb(165, 133,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6382, 26.6678, 28.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 133, 140) }
```

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

```
.background{ background-color: rgb(165,  
133, 140) }
```

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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