

Converting Colors

XYZ(27.8516, 25.7521, 24.6686)

Have a look what the booklet for
XYZ(27.8516, 25.7521, 24.6686)
contains.

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Color

**XYZ(27.7378, 25.6840,
24.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	A68282
RGB	166, 130, 130
RGB Percent	65%, 51%, 51%
CMY	0.3490, 0.4902, 0.4902
CMYK	0.00, 0.22, 0.22, 0.35
HSL	0°, 17%, 58%
HSV	0°, 22%, 65%
XYZ	27.7378, 25.6840, 24.6147
YIQ	140.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

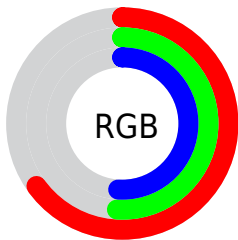
Format	Color
R_{YB}	166, 130, 130
Decimal	10912386
CIE Lab	57.74, 13.82, 5.30
CIE LCh	58, 14.803, 20.959
Yxy	25.6840, 0.3554, 0.3291
Android (android.graphics.Color)	4289102466 (0xFFA68282)
YUV	140.7640, -5.3067, 22.1320
Hunter-Lab	50.6794, 9.0076, 6.6787

Details

The XYZ color **27.7378, 25.6840, 24.6147** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7247, 34.7705, 41.2213**, and the grayscale version is **25.2399, 26.5543, 28.9176**.

A 20% lighter version of the original color is **55.6049, 52.8155, 52.0635**, and **11.2377, 9.9897, 9.1205** is the 20% darker color. If you saturate the color by 10%, you get **24.6797, 21.2093, 18.5345**, and if you desaturate by 10%, it is **31.3332, 30.9452, 31.7615**.

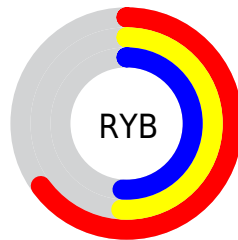
Distribution



Red (65%)

Green (51%)

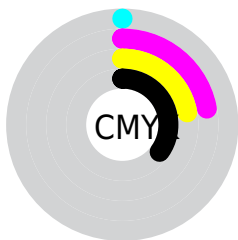
Blue (51%)



Red (65%)

Yellow (51%)

Blue (51%)

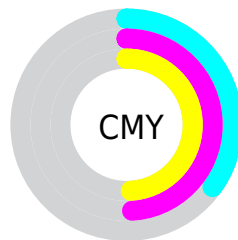


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7378, 25.6840, 24.6147 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 27.7378, 25.6840, 24.6147 by changing the saturation by 10% instead.


 27.7378, 25.6840,
24.6147


 27.7378, 25.6840,
24.6147


283.3148,
281.2274, 289.2996


 18.2675, 16.5874,
15.5738


 55.4771, 52.7647,
51.9878

 11.2431, 9.9408,
9.0720


 74.4769, 71.5176,
71.1571

 6.2991, 5.3597,
4.6907


 97.3839, 94.2581,
94.5397

 3.0702, 2.4598,
2.0114

124.5635,
121.3705, 122.5540

 1.1910, 0.8564,
0.5623

156.3810,
153.2392, 155.6186

 0.0992, 0.0000,
0.0000

193.2018,

 0.0000, 0.0000,

190.2487, 194.1520

0.0000

235.3913,
232.7833, 238.5729

■ 27.7378, 25.6840,
24.6147

■ 27.7378, 25.6840,
24.6147

■ 24.6797, 21.2093,
18.5345

■ 31.3332, 30.9452,
31.7615

■ 22.1313, 17.4802,
13.4682

■ 35.4878, 37.0246,
40.0209

■ 20.0653, 14.4571,
9.3614

■ 40.2248, 43.9560,
49.4382

■ 18.4515, 12.0956,
6.1534

■ 45.5654, 51.7707,
60.0555

■ 17.2560, 10.3462,
3.7769

■ 51.5299, 60.4982,
71.9130

■ 16.4403, 9.1524,
2.1554

■ 58.1373, 70.1666,
85.0490

■ 15.9584, 8.4473,
1.1978

■ 65.4063, 80.8029,
99.5001

■ 15.7261, 8.1074,
0.7360

■ 69.5360, 86.8470,
107.7060

Harmonies

Analogous

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



27.9379, 25.6840, 29.5289



27.7378, 25.6840, 24.6147



26.6241, 25.6840, 21.0435

Triad

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



27.7378, 25.6840, 24.6147



21.8572, 25.6840, 22.2525



23.8798, 25.6840, 38.7651

Complementary

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



27.7378, 25.6840, 24.6147



29.7247, 34.7705, 41.2213

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.



22.3257, 25.6840, 36.2599



27.7378, 25.6840, 24.6147



21.1958, 25.6840, 26.4583

Square

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



27.7378, 25.6840, 24.6147



23.2120, 25.6840, 19.7989



21.3630, 25.6840, 31.6074



25.6524, 25.6840, 38.1161

Rectangle

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



27.7378, 25.6840, 24.6147



25.5417, 25.6840, 19.7102



21.3630, 25.6840, 31.6074



23.3158, 25.6840, 38.2537

Sweetspot

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



27.7385, 25.6852, 24.6152



60.1736, 61.0014, 64.2182



30.5917, 26.8258, 39.6421



13.3718, 13.5136, 14.1842



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.



27.7385, 25.6852, 24.6152



47.5611, 42.5459, 39.1446



30.3453, 30.8988, 25.4842



7.5312, 7.5424, 7.8482



12.1948, 6.2869, 0.5707



0.2967, 0.1530, 0.0139

Inverse Universe

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



29.7247, 34.7705, 41.2213



51.8153, 62.0054, 74.7126



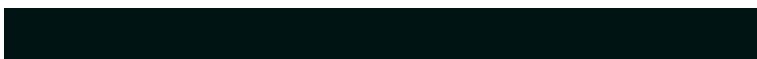
26.6791, 28.6791, 40.2061



7.7475, 8.5320, 9.6568



15.9095, 23.2792, 31.6303



0.3871, 0.5664, 0.7696

Previews

White Background



This preview shows how the XYZ color 27.7378, 25.6840, 24.6147 looks on a white background.

Color Contrast Check

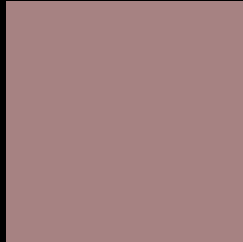
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7378, 25.6840, 24.6147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

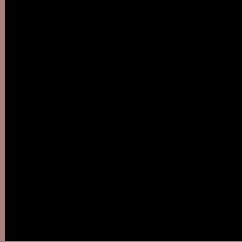
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.7378, 25.6840, 24.6147

Background



This preview shows how black text looks on a background with the XYZ color 27.7378, 25.6840, 24.6147.



This preview shows how white text looks on a background with the XYZ color 27.7378, 25.6840,

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

27.7378, 25.6840, 24.6147

Protanopia

24.6170, 25.6770, 26.5804

Deuteranopia

26.1978, 25.7031, 24.3493



Tritanopia

28.4468, 25.7801, 27.9028

Trichromacy



Original Color

27.7378, 25.6840, 24.6147

Protanomaly

25.6601, 25.6007, 25.7793

Deuteranomaly

26.8472, 25.8336, 24.3403

Tritanomaly

28.2305, 25.6936, 26.7640

Monochromacy



Original Color

27.7378, 25.6840, 24.6147

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0387, 26.1815, 27.3481

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7378, 25.6840, 24.6147 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, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(166, 130, 130)  
}
```

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, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.7378, 25.6840, 24.6147 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, 130, 130) }
```


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

```
.border{ border-color:rgb(166, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(166, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7378, 25.6840, 24.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 130, 130) }
```

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

```
.background{ background-color: rgb(166,  
130, 130) }
```

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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