

Converting Colors

XYZ(26.8150, 27.9265, 9.3377)

Have a look what the booklet for
XYZ(26.8150, 27.9265, 9.3377)
contains.

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Color

**XYZ(26.6864, 27.7798,
9.2657)**

Conversions

Conversions Part 1

Format	Color
Hex	A88D43
RGB	168, 141, 67
RGB Percent	66%, 55%, 26%
CMY	0.3412, 0.4470, 0.7372
CMYK	0.00, 0.16, 0.60, 0.34
HSL	44°, 43%, 46%
HSV	44°, 60%, 66%
XYZ	26.6864, 27.7798, 9.2657
YIQ	140.6370, 39.8460, -17.2900

Conversions

Conversions Part 2

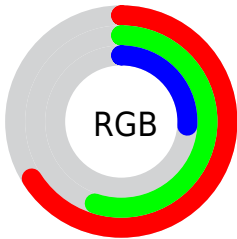
Format	Color
RYB	104, 168, 67
Decimal	11046211
CIELab	59.69, 1.16, 42.53
CIELCh	60, 42.544, 88.438
Yxy	27.7798, 0.4187, 0.4359
Android (android.graphics.Color)	4289236291 (0xFFA88D43)
YUV	140.6370, -36.3030, 23.9974
Hunter-Lab	52.7065, -1.8583, 26.4715

Details

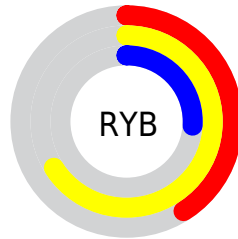
The XYZ color **26.6864, 27.7798, 9.2657** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **13.3852, 12.0254, 38.6612**, and the grayscale version is **25.3025, 26.6202, 28.9894**.

A 20% lighter version of the original color is **53.6131, 55.8991, 25.1034**, and **10.6447, 11.0303, 2.0582** is the 20% darker color. If you saturate the color by 10%, you get **25.6052, 26.3103, 6.7694**, and if you desaturate by 10%, it is **27.9420, 29.3641, 12.5421**.

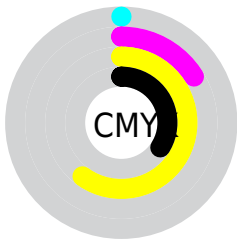
Distribution



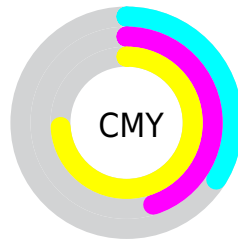
- Red (66%)
- Green (55%)
- Blue (26%)



- Red (41%)
- Yellow (66%)
- Blue (26%)



- Cyan (0%)
- Magenta (16%)
- Yellow (60%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6864, 27.7798, 9.2657 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 26.6864, 27.7798, 9.2657 by changing the saturation by 10% instead.

■ 26.6864, 27.7798,
9.2657

■ 26.6864, 27.7798,
9.2657

278.3308,
291.4132, 195.6383

■ 17.4732, 18.1597,
4.8157

■ 53.8037, 56.1327,
24.9907

■ 10.6698, 11.0647,
2.0827

■ 72.4385, 75.6343,
37.1029

■ 5.9109, 6.1104,
0.6054

■ 94.9445, 99.1986,
52.6061

■ 2.8311, 2.9123,
0.0000

■ 121.6871,
127.2098, 71.9190

■ 1.0651, 1.0861,
0.0000

■ 153.0317,
160.0526, 95.4602

■ 0.0000, 0.0000,
0.0000

189.3437,

198.1111, 123.6481

230.9882,
241.7699, 156.9013

■ 26.6864, 27.7798,
9.2657

■ 26.6864, 27.7798,
9.2657

■ 25.6052, 26.3103,
6.7694

■ 27.9420, 29.3641,
12.5421

■ 24.6830, 24.9458,
4.9826

■ 29.3818, 31.0645,
16.6574

■ 23.9049, 23.6809,
3.8251

■ 31.0172, 32.8871,
21.6669

■ 23.2432, 22.5145,
3.1207

■ 32.8578, 34.8362,
27.6204

■ 34.9127, 36.9159,
34.5643

■ 37.1905, 39.1301,
42.5417

■ 39.6991, 41.4824,
51.5933

■ 42.4461, 43.9763,
61.7575

■ 45.4386, 46.6151,
73.0708

Harmonies

Analogous

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



32.1880, 27.7798, 11.3942



26.6864, 27.7798, 9.2657



21.7840, 27.7798, 10.9788

Triad

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



26.6864, 27.7798, 9.2657



18.3225, 27.7798, 46.6357



36.2197, 27.7798, 48.5244

Complementary

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



26.6864, 27.7798, 9.2657



13.3852, 12.0254, 38.6612

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.



31.6347, 27.7798, 64.4309



26.6864, 27.7798, 9.2657



21.3578, 27.7798, 63.1052

Square

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



26.6864, 27.7798, 9.2657



17.3656, 27.7798, 29.4483



26.1233, 27.7798, 70.5039



38.1341, 27.7798, 31.0610

Rectangle

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



26.6864, 27.7798, 9.2657



19.4045, 27.7798, 14.5600



26.1233, 27.7798, 70.5039



34.9116, 27.7798, 54.4247

Sweetspot

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



26.6871, 27.7811, 9.2663



60.2632, 63.8728, 52.2396



20.2494, 13.1768, 12.4505



12.9181, 13.6977, 10.6676



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.



26.6871, 27.7811, 9.2663



45.8983, 46.9305, 11.1116



26.8905, 34.5320, 10.5586



7.9747, 8.4295, 7.9960



17.5962, 17.0897, 2.3712



0.4668, 0.4931, 0.0706

Inverse Universe

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



13.3852, 12.0254, 38.6612



19.6860, 15.9570, 69.2675



13.1839, 8.9598, 38.0801



7.2889, 7.6146, 9.5040



6.0805, 3.6211, 28.3540



0.1890, 0.1703, 0.7036

Previews

White Background



This preview shows how the XYZ color 26.6864, 27.7798, 9.2657 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 26.6864, 27.7798, 9.2657 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 26.6864, 27.7798, 9.2657

Background



This preview shows how black text looks on a background with the XYZ color 26.6864, 27.7798, 9.2657.



This preview shows how white text looks on a background with the XYZ color 26.6864, 27.7798,

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

26.6864, 27.7798, 9.2657

Protanopia

25.5139, 27.8375, 9.4973

Deuteranopia

28.3491, 27.7737, 9.3355



Tritanopia

30.8010, 27.7569, 29.7208

Trichromacy



Original Color

26.6864, 27.7798, 9.2657

Protanomaly

25.9701, 27.8488, 9.4754

Deuteranomaly

27.5874, 27.5930, 9.3408

Tritanomaly

28.9119, 27.6168, 20.0264

Monochromacy



Original Color

26.6864, 27.7798, 9.2657

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.3246, 26.8440, 19.7662

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6864, 27.7798, 9.2657 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(168, 141, 67)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 67)  
}
```

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(168, 141, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 67) }
```

Border

The CSS property to change the border of an element to XYZ 26.6864, 27.7798, 9.2657 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(168, 141, 67) }
```


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

```
.border{ border-color:rgb(168, 141, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 141, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 141, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 141, 67);  
box-shadow:4px 4px 4px 4px rgb(168, 141,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6864, 27.7798, 9.2657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 67) }
```

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

```
.background{ background-color: rgb(168,  
141, 67) }
```

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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