

Converting Colors

XYZ(27.2485, 27.8726, 9.4721)

Have a look what the booklet for
XYZ(27.2485, 27.8726, 9.4721)
contains.

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Color

**XYZ(27.2161, 27.8314,
9.4064)**

Conversions

Conversions Part 1

Format	Color
Hex	AB8C44
RGB	171, 140, 68
RGB Percent	67%, 55%, 27%
CMY	0.3294, 0.4510, 0.7333
CMYK	0.00, 0.18, 0.60, 0.33
HSL	42°, 43%, 47%
HSV	42°, 60%, 67%
XYZ	27.2161, 27.8314, 9.4064
YIQ	141.0610, 41.5880, -15.8200

Conversions

Conversions Part 2

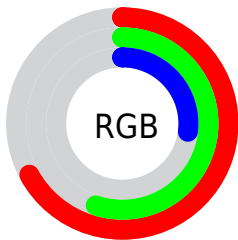
Format	Color
RYB	112, 171, 68
Decimal	11242564
CIELab	59.74, 3.11, 42.17
CIELCh	60, 42.281, 85.782
Yxy	27.8314, 0.4223, 0.4318
Android (android.graphics.Color)	4289432644 (0xFFAB8C44)
YUV	141.0610, -36.0191, 26.2565
Hunter-Lab	52.7555, -0.2354, 26.3573

Details

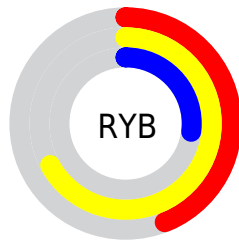
The XYZ color **27.2161, 27.8314, 9.4064** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.1964, 13.0926, 40.3070**, and the grayscale version is **25.4674, 26.7937, 29.1783**.

A 20% lighter version of the original color is **54.6531, 56.1059, 25.0885**, and **10.9678, 11.0690, 2.1307** is the 20% darker color. If you saturate the color by 10%, you get **26.0342, 26.1845, 6.8026**, and if you desaturate by 10%, it is **28.5867, 29.6122, 12.8247**.

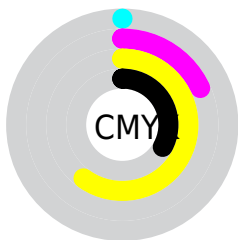
Distribution



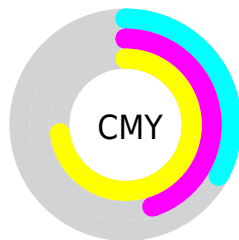
- Red (67%)
- Green (55%)
- Blue (27%)



- Red (44%)
- Yellow (67%)
- Blue (27%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (33%)



- Cyan (33%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2161, 27.8314, 9.4064 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 27.2161, 27.8314, 9.4064 by changing the saturation by 10% instead.

■ 27.2161, 27.8314,
9.4064

■ 27.2161, 27.8314,
9.4064

280.8504,
291.6604, 196.7097

■ 17.8730, 18.1986,
4.9068

■ 54.6479, 56.2152,
25.2630

■ 10.9580, 11.0927,
2.1349

■ 73.4673, 75.7349,
37.4570

■ 6.1057, 6.1292,
0.6364

■ 96.1762, 99.3191,
53.0529

■ 2.9507, 2.9238,
0.0000

■ 123.1399,
127.3521, 72.4693

■ 1.1278, 1.0921,
0.0000

■ 154.7239,
160.2183, 96.1246

■ 0.0481, 0.0000,
0.0000

191.2934,

■ 0.0000, 0.0000,

198.3022, 124.4374

0.0000

233.2138,
241.9881, 157.8262

■ 27.2161, 27.8314,
9.4064

■ 27.2161, 27.8314,
9.4064

■ 26.0342, 26.1845,
6.8026

■ 28.5867, 29.6122,
12.8247

■ 25.0249, 24.6611,
4.9396

■ 30.1566, 31.5286,
17.1192

■ 24.1723, 23.2551,
3.7328

■ 31.9376, 33.5873,
22.3477

■ 23.4559, 21.9805,
3.0064

■ 33.9402, 35.7930,
28.5626

■ 36.1739, 38.1504,
35.8121

■ 38.6477, 40.6637,
44.1414

■ 41.3701, 43.3369,
53.5932

■ 44.3491, 46.1740,
64.2075

■ 47.5923, 49.1787,
76.0225

Harmonies

Analogous

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



32.6640, 27.8314, 11.8982



27.2161, 27.8314, 9.4064



22.2295, 27.8314, 10.7747

Triad

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



27.2161, 27.8314, 9.4064



18.2352, 27.8314, 44.9948



35.8948, 27.8314, 50.0539

Complementary

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



27.2161, 27.8314, 9.4064



14.1964, 13.0926, 40.3070

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.



31.1800, 27.8314, 65.2889



27.2161, 27.8314, 9.4064



21.0837, 27.8314, 61.7436

Square

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



27.2161, 27.8314, 9.4064



17.4694, 27.8314, 28.1898



25.7041, 27.8314, 70.1603



38.0844, 27.8314, 32.5207

Rectangle

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



27.2161, 27.8314, 9.4064



19.7491, 27.8314, 14.0617



25.7041, 27.8314, 70.1603



34.5242, 27.8314, 55.8167

Sweetspot

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



27.2168, 27.8327, 9.4070



61.5185, 64.8905, 53.4938



21.1921, 13.7245, 13.7462



13.4774, 14.2112, 11.1604



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2168, 27.8327, 9.4070



46.0448, 46.0426, 11.0347



28.5772, 36.2299, 10.9561



8.4561, 8.9171, 8.4889



17.7300, 16.6655, 2.2823



0.5381, 0.5534, 0.0785

Inverse Universe

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



14.1964, 13.0926, 40.3070



20.7549, 17.4861, 71.2831



13.3377, 9.0955, 39.5807



7.7681, 8.1356, 10.1136



6.4903, 4.1144, 29.4966



0.2291, 0.2116, 0.8368

Previews

White Background



This preview shows how the XYZ color 27.2161, 27.8314, 9.4064 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 27.2161, 27.8314, 9.4064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

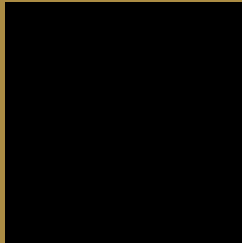
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.2161, 27.8314, 9.4064

Background



This preview shows how black text looks on a background with the XYZ color 27.2161, 27.8314, 9.4064.



This preview shows how white text looks on a background with the XYZ color 27.2161, 27.8314,

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

27.2161, 27.8314, 9.4064

Protanopia

25.5446, 27.8498, 9.6594

Deuteranopia

28.3799, 27.7860, 9.4977



Tritanopia

31.2652, 27.8026, 29.3098

Trichromacy



Original Color

27.2161, 27.8314, 9.4064

Protanomaly

26.2065, 27.9671, 9.6472

Deuteranomaly

27.8419, 27.7206, 9.5134

Tritanomaly

29.4377, 27.6797, 20.0108

Monochromacy



Original Color

27.2161, 27.8314, 9.4064

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.5110, 26.9401, 19.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2161, 27.8314, 9.4064 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(171, 140, 68)` looks like.

```
.text, #text, p{  
    color:rgb(171, 140, 68)  
}
```

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(171, 140, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 140, 68) }
```

Border

The CSS property to change the border of an element to XYZ 27.2161, 27.8314, 9.4064 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(171, 140, 68) }
```


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

```
.border{ border-color:rgb(171, 140, 68) }
```

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

Here you see how a box with a 4 pixel rgb(171, 140, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 140, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 140, 68);  
box-shadow:4px 4px 4px 4px rgb(171, 140,  
68) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2161, 27.8314, 9.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 140, 68) }
```

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

```
.background{ background-color: rgb(171,  
140, 68) }
```

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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