

Converting Colors

XYZ(27.1346, 27.5623, 7.1411)

Have a look what the booklet for
XYZ(27.1346, 27.5623, 7.1411)
contains.

XYZ(27.0860, 27.5974, 7.1481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(27.0860, 27.5974,
7.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8B34
RGB	173, 139, 52
RGB Percent	68%, 55%, 20%
CMY	0.3216, 0.4549, 0.7961
CMYK	0.00, 0.20, 0.70, 0.32
HSL	43°, 54%, 44%
HSV	43°, 70%, 68%
XYZ	27.0860, 27.5974, 7.1481
YIQ	139.2480, 48.1910, -19.8490

Conversions

Conversions Part 2

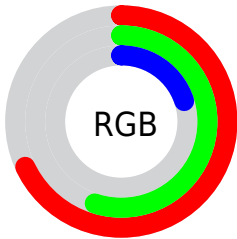
Format	Color
R_{YB}	99, 173, 52
Decimal	11373364
CIE _{Lab}	59.52, 3.50, 49.53
CIE _{LCh}	60, 49.655, 85.957
Yxy	27.5974, 0.4381, 0.4463
Android (android.graphics.Color)	4289563444 (0xFFAD8B34)
YUV	139.2480, -43.0133, 29.6005
Hunter-Lab	52.5332, 0.1010, 28.7058

Details

The XYZ color **27.0860, 27.5974, 7.1481** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **12.2867, 10.4024, 40.8951**, and the grayscale version is **24.7846, 26.0753, 28.3960**.

A 20% lighter version of the original color is **54.2528, 55.6675, 20.7174**, and **10.9085, 10.9267, 1.5341** is the 20% darker color. If you saturate the color by 10%, you get **26.0775, 26.0939, 5.2293**, and if you desaturate by 10%, it is **28.2699, 29.2233, 9.8303**.

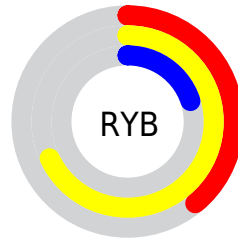
Distribution



Red (68%)

Green (55%)

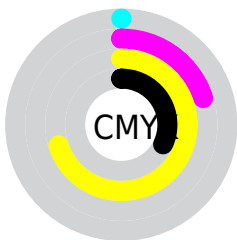
Blue (20%)



Red (39%)

Yellow (68%)

Blue (20%)

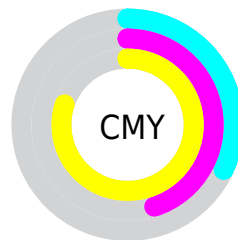


Cyan (0%)

Magenta (20%)

Yellow (70%)

Black (32%)



Cyan (32%)


Magenta (45%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0860, 27.5974, 7.1481 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 27.0860, 27.5974, 7.1481 by changing the saturation by 10% instead.


 27.0860, 27.5974,
7.1481


 27.0860, 27.5974,
7.1481


280.2332,
290.5381, 178.5660


 17.7747, 18.0224,
3.4750


 54.4408, 55.8410,
20.7885

 10.8871, 10.9661,
1.3420


 73.2150, 75.2784,
31.5928

 6.0577, 6.0440,
0.0959


 95.8742, 98.7721,
45.6114

 2.9212, 2.8719,
0.0000

 122.7838,
126.7064, 63.2627

 1.1122, 1.0652,
0.0000

 154.3092,
159.4658, 84.9653

 0.0353, 0.0000,
0.0000

 190.8156,

 0.0000, 0.0000,

197.4346, 111.1377

0.0000

232.6685,
240.9972, 142.1984

■ 27.0860, 27.5974,
7.1481

■ 27.0860, 27.5974,
7.1481

■ 26.0775, 26.0939,
5.2293

■ 28.2699, 29.2233,
9.8303

■ 25.2255, 24.7013,
3.9853

■ 29.6417, 30.9740,
13.3483

■ 24.4948, 23.4060,
3.2298

■ 31.2146, 32.8565,
17.7676

■ 24.4906, 23.3985,
3.2256

■ 33.0003, 34.8760,
23.1469

■ 35.0092, 37.0374,
29.5398

■ 37.2511, 39.3450,
36.9959

■ 39.7352, 41.8033,
45.5618

■ 42.4700, 44.4160,
55.2809

■ 45.4638, 47.1872,
66.1946

Harmonies

Analogous

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



33.5402, 27.5974, 9.6169



27.0860, 27.5974, 7.1481



21.3198, 27.5974, 8.5268

Triad

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



27.0860, 27.5974, 7.1481



16.8506, 27.5974, 47.7460



37.4865, 27.5974, 53.6940

Complementary

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



27.0860, 27.5974, 7.1481



12.2867, 10.4024, 40.8951

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.



31.8427, 27.5974, 72.7661



27.0860, 27.5974, 7.1481



20.0684, 27.5974, 68.4820

Square

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



27.0860, 27.5974, 7.1481



15.9866, 27.5974, 27.6895



25.3932, 27.5974, 79.0370



40.1180, 27.5974, 32.5386

Rectangle

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



27.0860, 27.5974, 7.1481



18.5139, 27.5974, 11.9262



25.3932, 27.5974, 79.0370



35.8391, 27.5974, 60.8427

Sweetspot

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



27.0866, 27.5987, 7.1486



62.1621, 65.7648, 51.1569



20.1528, 12.0169, 10.1218



13.2962, 14.0653, 10.4324



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.



27.0866, 27.5987, 7.1486



45.8279, 45.3308, 7.9957



27.5572, 36.3179, 8.8068



8.4696, 8.9440, 8.4933



18.0423, 17.2900, 2.3864



0.5450, 0.5672, 0.0808

Inverse Universe

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



12.2867, 10.4024, 40.8951



17.7941, 12.8989, 72.3576



11.9307, 7.1023, 40.2769



7.7553, 8.1100, 10.1093



6.3789, 3.8917, 29.4595



0.2241, 0.2016, 0.8351

Previews

White Background



This preview shows how the XYZ color 27.0860, 27.5974, 7.1481 looks on a white background.

Color Contrast Check

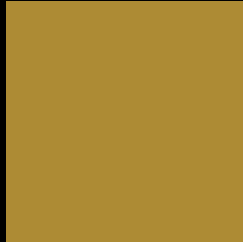
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0860, 27.5974, 7.1481 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 27.0860, 27.5974, 7.1481

Background



This preview shows how black text looks on a background with the XYZ color 27.0860, 27.5974, 7.1481.



This preview shows how white text looks on a background with the XYZ color 27.0860, 27.5974,

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

27.0860, 27.5974, 7.1481

Protanopia

25.1131, 27.6771, 7.3868

Deuteranopia

28.0372, 27.4491, 7.1886



Tritanopia

31.5386, 27.5620, 28.4687

Trichromacy



Original Color

27.0860, 27.5974, 7.1481

Protanomaly

25.8327, 27.6024, 7.3344

Deuteranomaly

27.7197, 27.4955, 7.2143

Tritanomaly

29.2258, 27.2049, 17.8981

Monochromacy



Original Color

27.0860, 27.5974, 7.1481

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.6490, 26.1061, 17.6498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0860, 27.5974, 7.1481 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(173, 139, 52)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 52)  
}
```

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(173, 139, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 52) }
```

Border

The CSS property to change the border of an element to XYZ 27.0860, 27.5974, 7.1481 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(173, 139, 52) }
```


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

```
.border{ border-color:rgb(173, 139, 52) }
```

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

Here you see how a box with a 4 pixel rgb(173, 139, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 52);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
52) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0860, 27.5974, 7.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 52) }
```

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

```
.background{ background-color: rgb(173,  
139, 52) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor