

Converting Colors

XYZ(14.0160, 27.1281, 7.4551)

Have a look what the booklet for
XYZ(14.0160, 27.1281, 7.4551)
contains.

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Color

**XYZ(14.0095, 27.1320,
7.4044)**

Conversions

Conversions Part 1

Format	Color
Hex	00A531
RGB	0, 165, 49
RGB Percent	0%, 65%, 19%
CMY	1.0000, 0.3529, 0.8078
CMYK	1.00, 0.00, 0.70, 0.35
HSL	138°, 100%, 32%
HSV	138°, 100%, 65%
XYZ	14.0095, 27.1320, 7.4044
YIQ	102.4410, -61.1040, -71.0560

Conversions

Conversions Part 2

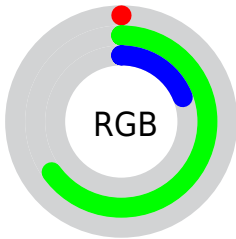
Format	Color
RYB	0, 127, 165
Decimal	42289
CIELab	59.10, -59.57, 47.84
CIELCh	59, 76.405, 141.233
Yxy	27.1320, 0.2886, 0.5589
Android (android.graphics.Color)	4278232369 (0xFF00A531)
YUV	102.4410, -26.3464, -89.8408
Hunter-Lab	52.0884, -43.1460, 28.0338

Details

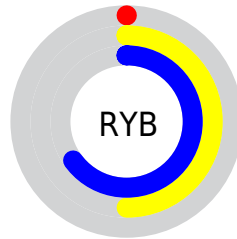
The XYZ color **14.0095, 27.1320, 7.4044** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **18.6701, 9.2606, 17.3264**, and the grayscale version is **12.8240, 13.4918, 14.6926**.

A 20% lighter version of the original color is **32.6190, 54.9278, 21.1948**, and **5.6844, 11.3689, 1.8948** is the 20% darker color. If you saturate the color by 10%, you get **14.0101, 27.1331, 7.4049**, and if you desaturate by 10%, it is **14.5097, 27.3586, 8.8752**.

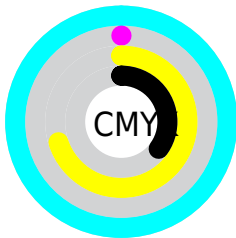
Distribution



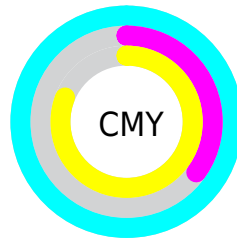
- Red (0%)
- Green (65%)
- Blue (19%)



- Red (0%)
- Yellow (50%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.0095, 27.1320, 7.4044 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 14.0095, 27.1320, 7.4044 by changing the saturation by 10% instead.


 14.0095, 27.1320,
7.4044


 14.0095, 27.1320,
7.4044


210.7993,
288.2957, 180.7394


 8.2090, 17.6724,
3.6340


 32.6920, 55.0956,
21.3088


 4.2819, 10.7150,
1.4268


 46.3047, 74.3684,
32.2799

 1.8628, 5.8756,
0.1625

 63.2523, 97.6810,
46.4884

 0.5551, 2.7696,
0.0000

 83.9000, 125.4179,
64.3527

 0.0000, 1.0126,
0.0000

 108.6132,
157.9634, 86.2914

 0.0000, 0.0000,
0.0000

 137.7572,

195.7019, 112.7230

171.6975,
239.0179, 144.0662

■ 14.0095, 27.1320,
7.4044

■ 14.0095, 27.1320,
7.4044

■ 14.0101, 27.1331,
7.4049

■ 14.5097, 27.3586,
8.8752

■ 15.2593, 27.7052,
10.7093

■ 16.3392, 28.2139,
12.9320

■ 17.7866, 28.9033,
15.5645

■ 19.6333, 29.7894,
18.6262

■ 21.9076, 30.8866,
22.1354

■ 24.6353, 32.2076,
26.1092

■ 27.8397, 33.7643,
30.5639

■ 31.5430, 35.5676,
35.5149

Harmonies

Analogous

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



19.7239, 27.1320, 2.6911



14.0095, 27.1320, 7.4044



11.6230, 27.1320, 22.2660

Triad

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



14.0095, 27.1320, 7.4044



23.1036, 27.1320, 117.2363



46.8298, 27.1320, 14.3611

Complementary

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



14.0095, 27.1320, 7.4044



18.6701, 9.2606, 17.3264

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.



48.3740, 27.1320, 38.2523



14.0095, 27.1320, 7.4044



32.9831, 27.1320, 110.0224

Square

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



14.0095, 27.1320, 7.4044



15.9604, 27.1320, 91.9593



42.8077, 27.1320, 75.8807



38.9960, 27.1320, 4.6491

Rectangle

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



14.0095, 27.1320, 7.4044



11.7034, 27.1320, 40.9457



42.8077, 27.1320, 75.8807



48.1668, 27.1320, 20.4807

Sweetspot

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



14.0101, 27.1331, 7.4050



43.8276, 57.5383, 46.3441



20.9612, 30.7806, 4.8365



9.1379, 12.3640, 9.4932



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.



14.0101, 27.1331, 7.4050



25.0117, 48.5602, 12.8479



17.4349, 28.5030, 25.4397



7.0681, 7.9281, 7.9703



10.6181, 20.5336, 5.7053



0.2429, 0.4394, 0.2242

Inverse Universe

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



18.6701, 9.2606, 17.3264



33.3423, 16.5472, 30.5387



15.8323, 8.1255, 2.3832



7.2743, 7.1662, 8.4307



14.1462, 7.0145, 13.2264



0.3164, 0.1551, 0.3789

Previews

White Background



This preview shows how the XYZ color 14.0095, 27.1320, 7.4044 looks on a white background.

Color Contrast Check

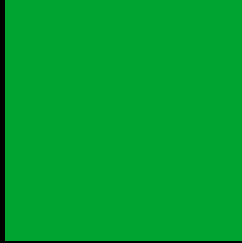
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0095, 27.1320, 7.4044 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 14.0095, 27.1320, 7.4044

Background



This preview shows how black text looks on a background with the XYZ color 14.0095, 27.1320, 7.4044.



This preview shows how white text looks on a background with the XYZ color 14.0095, 27.1320,

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

14.0095, 27.1320, 7.4044

Protanopia

24.2096, 26.7895, 6.1804

Deuteranopia

27.0199, 26.4904, 7.9640



Tritanopia

20.8454, 27.0945, 40.6903

Trichromacy



Original Color

14.0095, 27.1320, 7.4044



Protanomaly

16.7468, 24.7689, 6.3808



Deuteranomaly

17.3948, 23.9158, 7.4408



Tritanomaly

16.8612, 26.4225, 23.2802

Monochromacy



Original Color

14.0095, 27.1320, 7.4044



Achromatopsia

12.6291, 13.2868, 14.4694



Achromatomaly

11.0749, 16.4156, 10.7684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.0095, 27.1320, 7.4044 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(0, 165, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 49)  
}
```

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(0, 165, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 49) }
```

Border

The CSS property to change the border of an element to XYZ 14.0095, 27.1320, 7.4044 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(0, 165, 49) }
```


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

```
.border{ border-color:rgb(0, 165, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 49);  
box-shadow:4px 4px 4px 4px rgb(0, 165, 49)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.0095, 27.1320, 7.4044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 49) }
```

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

```
.background{ background-color: rgb(0, 165,  
49) }
```

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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