

Converting Colors

XYZ(10.6552, 25.9878, 6.5809)

Have a look what the booklet for
XYZ(10.6552, 25.9878, 6.5809)
contains.

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Color

**XYZ(14.2190, 27.7975,
6.7139)**

Conversions

Conversions Part 1

Format	Color
Hex	00A729
RGB	0, 167, 41
RGB Percent	0%, 65%, 16%
CMY	1.0000, 0.3451, 0.8392
CMYK	1.00, 0.00, 0.75, 0.35
HSL	135°, 100%, 33%
HSV	135°, 100%, 65%
XYZ	14.2190, 27.7975, 6.7139
YIQ	102.7030, -59.0860, -74.5900

Conversions

Conversions Part 2

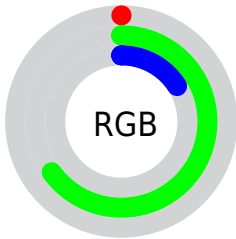
Format	Color
RYB	0, 134, 167
Decimal	42793
CIELab	59.71, -60.89, 51.51
CIELCh	60, 79.755, 139.768
Yxy	27.7975, 0.2918, 0.5704
Android (android.graphics.Color)	4278232873 (0xFF00A729)
YUV	102.7030, -30.4196, -90.0705
Hunter-Lab	52.7233, -44.1260, 29.3562

Details

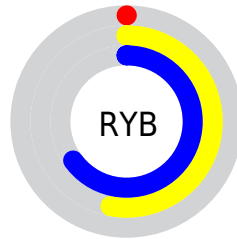
The XYZ color **14.2190, 27.7975, 6.7139** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **19.7032, 9.7224, 20.5785**, and the grayscale version is **12.9037, 13.5757, 14.7839**.

A 20% lighter version of the original color is **32.9674, 55.9287, 19.8842**, and **5.9051, 11.8103, 1.9684** is the 20% darker color. If you saturate the color by 10%, you get **14.2195, 27.7986, 6.7140**, and if you desaturate by 10%, it is **14.7018, 28.0176, 8.0747**.

Distribution



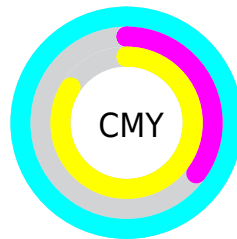
- Red (0%)
- Green (65%)
- Blue (16%)



- Red (0%)
- Yellow (53%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.2190, 27.7975, 6.7139 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 14.2190, 27.7975, 6.7139 by changing the saturation by 10% instead.

■ 14.2190, 27.7975,
6.7139

■ 14.2190, 27.7975,
6.7139

212.0725,
291.4980, 174.8045

■ 8.3559, 18.1731,
3.2081

■ 33.0601, 56.1610,
19.8983

■ 4.3772, 11.0743,
1.2019

■ 46.7688, 75.6688,
30.4139

■ 1.9177, 6.1168,
0.0000

■ 63.8235, 99.2399,
44.1033

■ 0.5871, 2.9163,
0.0000

■ 84.5893, 127.2587,
61.3849

■ 0.0000, 1.0882,
0.0000

■ 109.4318,
160.1094, 82.6773

■ 0.0000, 0.0000,
0.0000

■ 138.7162,

198.1767, 108.3990

172.8080,
241.8447, 138.9686

■ 14.2190, 27.7975,
6.7139

■ 14.2190, 27.7975,
6.7139

■ 14.2195, 27.7986,
6.7140

■ 14.7018, 28.0176,
8.0747

■ 15.4490, 28.3644,
9.8468

■ 16.5442, 28.8810,
12.0628

■ 18.0268, 29.5874,
14.7505

■ 19.9306, 30.5003,
17.9352

■ 22.2857, 31.6349,
21.6403

■ 25.1194, 33.0046,
25.8878

■ 28.4567, 34.6220,
30.6985

■ 32.3208, 36.4987,
36.0918

Harmonies

Analogous

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



20.3954, 27.7975, 2.3231



14.2190, 27.7975, 6.7139



11.5740, 27.7975, 21.4422

Triad

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



14.2190, 27.7975, 6.7139



23.1267, 27.7975, 124.2777



49.1664, 27.7975, 15.1130

Complementary

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



14.2190, 27.7975, 6.7139



19.7032, 9.7224, 20.5785

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.



50.4383, 27.7975, 41.2307



14.2190, 27.7975, 6.7139



33.5292, 27.7975, 118.2566

Square

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



14.2190, 27.7975, 6.7139



15.7795, 27.7975, 95.4542



44.1417, 27.7975, 82.1043



41.0123, 27.7975, 4.5964

Rectangle

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



14.2190, 27.7975, 6.7139



11.5583, 27.7975, 40.6891



44.1417, 27.7975, 82.1043



50.4802, 27.7975, 21.7960

Sweetspot

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



14.2197, 27.7986, 6.7145



44.6849, 58.9614, 45.9195



22.7270, 32.2306, 5.0235



9.5198, 12.9623, 9.5639



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.



14.2197, 27.7986, 6.7145



25.3960, 49.7559, 11.6592



17.3614, 29.0554, 23.2588



7.5095, 8.4368, 8.4030



10.8974, 21.2777, 5.2267



0.2847, 0.5255, 0.2302

Inverse Universe

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



19.7032, 9.7224, 20.5785



35.2001, 17.3771, 36.4021



16.4019, 8.4019, 3.1936



7.7620, 7.6347, 9.0640



15.0965, 7.4473, 15.8516



0.3857, 0.1886, 0.4828

Previews

White Background



This preview shows how the XYZ color 14.2190, 27.7975, 6.7139 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 14.2190, 27.7975, 6.7139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

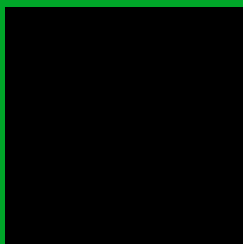
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.2190, 27.7975, 6.7139

Background



This preview shows how black text looks on a background with the XYZ color 14.2190, 27.7975, 6.7139.



This preview shows how white text looks on a background with the XYZ color 14.2190, 27.7975,

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

14.2190, 27.7975, 6.7139

Protanopia

24.8238, 27.3433, 5.5595

Deuteranopia

27.8301, 27.3396, 7.3003



Tritanopia

21.4106, 27.8693, 41.2966

Trichromacy



Original Color

14.2190, 27.7975, 6.7139



Protanomaly

17.0417, 25.4148, 5.7576



Deuteranomaly

17.7981, 24.5999, 6.7159



Tritanomaly

17.1224, 27.0822, 22.7373

Monochromacy



Original Color

14.2190, 27.7975, 6.7139



Achromatopsia

12.8919, 13.5633, 14.7705



Achromatomaly

11.1556, 16.6591, 10.2170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.2190, 27.7975, 6.7139 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, 167, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 41)  
}
```

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, 167, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 41) }
```

Border

The CSS property to change the border of an element to XYZ 14.2190, 27.7975, 6.7139 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, 167, 41) }
```


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

```
.border{ border-color:rgb(0, 167, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 167, 41)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.2190, 27.7975, 6.7139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 41) }
```

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

```
.background{ background-color: rgb(0, 167,  
41) }
```

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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