

Converting Colors

XYZ(11.5785, 28.1667, 7.1655)

Have a look what the booklet for
XYZ(11.5785, 28.1667, 7.1655)
contains.

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Color

**XYZ(15.3982, 30.0690,
7.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD2C
RGB	0, 173, 44
RGB Percent	0%, 68%, 17%
CMY	1.0000, 0.3216, 0.8274
CMYK	1.00, 0.00, 0.75, 0.32
HSL	135°, 100%, 34%
HSV	135°, 100%, 68%
XYZ	15.3982, 30.0690, 7.3752
YIQ	106.5670, -61.6990, -76.7950

Conversions

Conversions Part 2

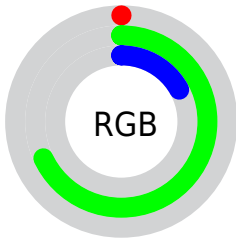
Format	Color
RYB	0, 138, 173
Decimal	44332
CIELab	61.71, -62.40, 52.46
CIElCh	62, 81.524, 139.945
Yxy	30.0690, 0.2914, 0.5690
Android (android.graphics.Color)	4278234412 (0xFF00AD2C)
YUV	106.5670, -30.8455, -93.4593
Hunter-Lab	54.8352, -45.8373, 30.4103

Details

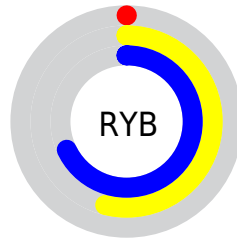
The XYZ color **15.3982, 30.0690, 7.3752** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **21.1968, 10.4696, 21.6727**, and the grayscale version is **13.9509, 14.6774, 15.9837**.

A 20% lighter version of the original color is **35.2207, 59.9084, 21.2624**, and **6.5968, 13.1937, 2.1989** is the 20% darker color. If you saturate the color by 10%, you get **15.3989, 30.0702, 7.3757**, and if you desaturate by 10%, it is **15.9169, 30.3048, 8.8690**.

Distribution



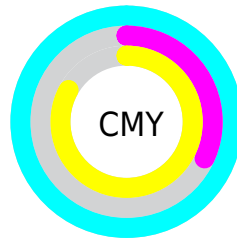
- Red (0%)
- Green (68%)
- Blue (17%)



- Red (0%)
- Yellow (54%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3982, 30.0690, 7.3752 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 15.3982, 30.0690, 7.3752 by changing the saturation by 10% instead.


 15.3982, 30.0690,
7.3752


 15.3982, 30.0690,
7.3752


219.1048,
302.2259, 180.4934


 9.1875, 19.8910,
3.6159


 35.1162, 59.7713,
21.2497


 4.9217, 12.3158,
1.4171


 49.3542, 80.0643,
32.2020

 2.2357, 6.9591,
0.1550


 66.9986, 104.4978,
46.3889

 0.7615, 3.4366,
0.0000

 88.4148, 133.4562,
64.2292

 0.0000, 1.3637,
0.0000

 113.9682,
167.3237, 86.1412

 0.0000, 0.1897,
0.0000

 144.0241,

 0.0000, 0.0000,

206.4850, 112.5435

0.0000

178.9478,
251.3242, 143.8548

■ 15.3982, 30.0690,
7.3752

■ 15.3982, 30.0690,
7.3752

■ 15.3989, 30.0702,
7.3757

■ 15.9169, 30.3048,
8.8690

■ 16.7232, 30.6785,
10.8022

■ 17.9053, 31.2358,
13.2094

■ 19.5060, 31.9983,
16.1194

■ 21.5622, 32.9843,
19.5588

■ 24.1064, 34.2101,
23.5522

■ 27.1683, 35.6906,
28.1229

■ 30.7750, 37.4392,
33.2926

■ 34.9518, 39.4686,
39.0818

Harmonies

Analogous

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



22.0361, 30.0690, 2.5679



15.3982, 30.0690, 7.3752



12.5637, 30.0690, 23.3757

Triad

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



15.3982, 30.0690, 7.3752



25.0892, 30.0690, 133.8758



53.0246, 30.0690, 16.2925

Complementary

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



15.3982, 30.0690, 7.3752



21.1968, 10.4696, 21.6727

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.



54.4430, 30.0690, 44.3209



15.3982, 30.0690, 7.3752



36.3052, 30.0690, 127.1716

Square

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



15.3982, 30.0690, 7.3752



17.1448, 30.0690, 103.0936



47.7120, 30.0690, 88.2199



44.2207, 30.0690, 4.9933

Rectangle

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



15.3982, 30.0690, 7.3752



12.5597, 30.0690, 44.1840



47.7120, 30.0690, 88.2199



54.4536, 30.0690, 23.4653

Sweetspot

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



15.3989, 30.0702, 7.3759



48.3433, 63.7666, 49.9084



24.1122, 34.6147, 5.4105



10.0006, 13.6133, 10.0995



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.



15.3989, 30.0702, 7.3759



27.5037, 53.8227, 12.8201



18.9569, 31.4934, 26.1119



7.9850, 8.9716, 8.9459



11.3325, 22.0983, 5.5245



0.3374, 0.6236, 0.2702

Inverse Universe

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



21.1968, 10.4696, 21.6727



37.8696, 18.7133, 38.3325



17.6750, 9.0609, 3.1272



8.2487, 8.1127, 9.6206



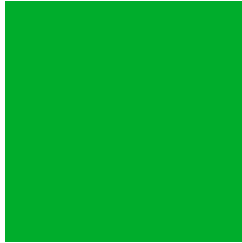
15.5955, 7.7007, 16.0472



0.4543, 0.2224, 0.5539

Previews

White Background



This preview shows how the XYZ color 15.3982, 30.0690, 7.3752 looks on a white background.

Color Contrast Check

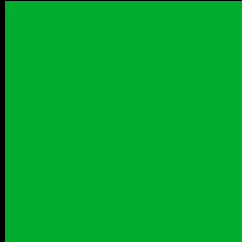
Large Text (above 18pt) WCAG AA × Fail

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 15.3982, 30.0690, 7.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

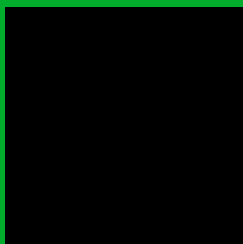
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 15.3982, 30.0690, 7.3752

Background



This preview shows how black text looks on a background with the XYZ color 15.3982, 30.0690, 7.3752.



This preview shows how white text looks on a background with the XYZ color 15.3982, 30.0690,

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

15.3982, 30.0690, 7.3752

Protanopia

26.6656, 29.4267, 6.1082

Deuteranopia

30.0306, 29.5355, 7.9890



Tritanopia

22.9834, 29.8853, 44.6015

Trichromacy



Original Color

15.3982, 30.0690, 7.3752



Protanomaly

18.3838, 27.3313, 6.3140



Deuteranomaly

19.3472, 26.8123, 7.4044



Tritanomaly

18.3681, 29.0005, 24.7082

Monochromacy



Original Color

15.3982, 30.0690, 7.3752



Achromatopsia

13.9749, 14.7027, 16.0113



Achromatomaly

12.1004, 18.1016, 11.2437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3982, 30.0690, 7.3752 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, 173, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 44)  
}
```

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, 173, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 44) }
```

Border

The CSS property to change the border of an element to XYZ 15.3982, 30.0690, 7.3752 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, 173, 44) }
```


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

```
.border{ border-color:rgb(0, 173, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 44);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 44)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.3982, 30.0690, 7.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 44) }
```

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

```
.background{ background-color: rgb(0, 173,  
44) }
```

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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