

Converting Colors

XYZ(15.2000, 26.4228, 7.6671)

Have a look what the booklet for
XYZ(15.2000, 26.4228, 7.6671)
contains.

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Color

**XYZ(15.2000, 26.4228,
7.6671)**

Conversions

Conversions Part 1

Format	Color
Hex	3EA035
RGB	62, 160, 53
RGB Percent	24%, 63%, 21%
CMY	0.7569, 0.3725, 0.7921
CMYK	0.61, 0.00, 0.67, 0.37
HSL	115°, 50%, 42%
HSV	115°, 67%, 63%
XYZ	15.2000, 26.4228, 7.6671
YIQ	118.5000, -24.0610, -54.0530

Conversions

Conversions Part 2

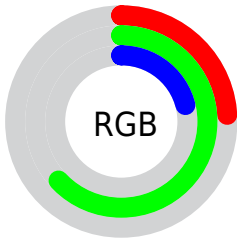
Format	Color
RYB	53, 160, 151
Decimal	4104245
CIELab	58.44, -49.45, 45.75
CIELCh	58, 67.366, 137.225
Yxy	26.4228, 0.3084, 0.5361
Android (android.graphics.Color)	4282294325 (0xFF3EA035)
YUV	118.5000, -32.2915, -49.5505
Hunter-Lab	51.4031, -37.1727, 27.1387

Details

The XYZ color **15.2000, 26.4228, 7.6671** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **20.3823, 11.6646, 34.4364**, and the grayscale version is **17.4813, 18.3917, 20.0286**.

A 20% lighter version of the original color is **34.8514, 54.1247, 21.9749**, and **5.2577, 10.5154, 1.7526** is the 20% darker color. If you saturate the color by 10%, you get **14.0936, 25.8889, 6.0047**, and if you desaturate by 10%, it is **16.6784, 27.1359, 9.9895**.

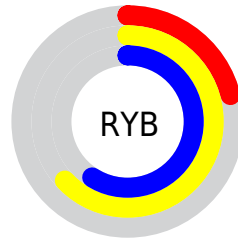
Distribution



Red (24%)

Green (63%)

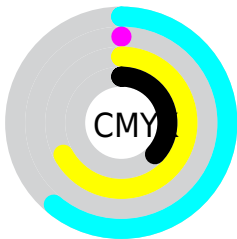
Blue (21%)



Red (21%)

Yellow (63%)

Blue (59%)

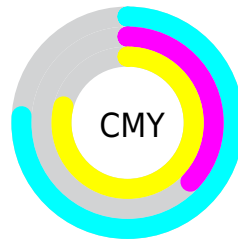


Cyan (61%)

Magenta (0%)

Yellow (67%)

Black (37%)



Cyan (76%)

Magenta (37%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2000, 26.4228, 7.6671 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 15.2000, 26.4228, 7.6671 by changing the saturation by 10% instead.

■ 15.2000, 26.4228,
7.6671

■ 15.2000, 26.4228,
7.6671

217.9380,
284.8514, 182.9331

■ 9.0471, 17.1402,
3.7980

■ 34.7724, 53.9562,
21.8385

■ 4.8293, 10.3345,
1.5152

■ 48.9227, 72.9759,
32.9778

■ 2.1812, 5.6213,
0.2292

■ 66.4694, 96.0100,
47.3777

■ 0.7328, 2.6162,
0.0000

■ 87.7780, 123.4430,
65.4565

■ 0.0000, 0.9348,
0.0000

■ 113.2138,
155.6592, 87.6330

■ 0.0000, 0.0000,
0.0000

■ 143.1422,

193.0431, 114.3255

177.9285,
235.9791, 145.9527

■ 15.2000, 26.4228,
7.6671

■ 15.2000, 26.4228,
7.6671

■ 14.0936, 25.8889,
6.0047

■ 16.6784, 27.1359,
9.9895

■ 13.3241, 25.5151,
4.9322

■ 18.5562, 28.0386,
13.0291

■ 12.8489, 25.2826,
4.3465

■ 20.8602, 29.1444,
16.8389

■ 12.7441, 25.2318,
4.1985

■ 23.6145, 30.4647,
21.4666

■ 26.8412, 32.0100,
26.9558

■ 30.5613, 33.7902,
33.3472

■ 34.7941, 35.8144,
40.6788

■ 39.5582, 38.0914,
48.9865

■ 44.8711, 40.6296,
58.3042

Harmonies

Analogous

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



20.7148, 26.4228, 3.5668



15.2000, 26.4228, 7.6671



12.6299, 26.4228, 19.8699

Triad

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



15.2000, 26.4228, 7.6671



21.7760, 26.4228, 99.4314



43.4565, 26.4228, 17.3312

Complementary

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



15.2000, 26.4228, 7.6671



20.3823, 11.6646, 34.4364

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.



43.9164, 26.4228, 39.9955



15.2000, 26.4228, 7.6671



30.0959, 26.4228, 97.3645

Square

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



15.2000, 26.4228, 7.6671



15.8300, 26.4228, 76.4840



38.6074, 26.4228, 71.8086



37.4619, 26.4228, 6.6823

Rectangle

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



15.2000, 26.4228, 7.6671



12.4625, 26.4228, 34.8524



38.6074, 26.4228, 71.8086



44.3036, 26.4228, 23.4398

Sweetspot

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



15.2006, 26.4239, 7.6677



46.5762, 57.0855, 45.2588



25.9360, 29.3219, 7.6612



9.8761, 12.3574, 9.3495



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



15.2006, 26.4239, 7.6677



24.8642, 46.6534, 9.8682



16.1420, 26.7406, 15.3295



6.5999, 7.4264, 7.0712



9.9442, 19.6631, 3.2713



0.1912, 0.3585, 0.0591

Inverse Universe

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



20.3823, 11.6646, 34.4364



34.8572, 17.8583, 61.9963



18.9939, 11.3095, 18.0742



6.8491, 6.7262, 8.3440



14.2708, 6.7859, 26.4649



0.2697, 0.1288, 0.4739

Previews

White Background



This preview shows how the XYZ color 15.2000, 26.4228, 7.6671 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 15.2000, 26.4228, 7.6671 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 15.2000, 26.4228, 7.6671

Background



This preview shows how black text looks on a background with the XYZ color 15.2000, 26.4228, 7.6671.



This preview shows how white text looks on a background with the XYZ color 15.2000, 26.4228,

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

15.2000, 26.4228, 7.6671

Protanopia

23.6015, 26.0293, 6.4696

Deuteranopia

26.4906, 26.0071, 8.1811



Tritanopia

21.3584, 26.4476, 38.1616

Trichromacy



Original Color

15.2000, 26.4228, 7.6671

Protanomaly

19.0141, 25.2268, 6.7728

Deuteranomaly

20.2847, 24.9472, 7.8839

Tritanomaly

18.2103, 26.1360, 22.4973

Monochromacy



Original Color

15.2000, 26.4228, 7.6671

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

15.6277, 20.4731, 13.9545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2000, 26.4228, 7.6671 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(62, 160, 53)` looks like.

```
.text, #text, p{  
    color:rgb(62, 160, 53)  
}
```

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(62, 160, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 160, 53) }
```

Border

The CSS property to change the border of an element to XYZ 15.2000, 26.4228, 7.6671 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(62, 160, 53) }
```


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

```
.border{ border-color:rgb(62, 160, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 160, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 160, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 160, 53);  
box-shadow:4px 4px 4px 4px rgb(62, 160,  
53) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2000, 26.4228, 7.6671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 160, 53) }
```

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

```
.background{ background-color: rgb(62, 160,  
53) }
```

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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