

Converting Colors

XYZ(13.1308, 25.9610, 11.1041)

Have a look what the booklet for
XYZ(13.1308, 25.9610, 11.1041)
contains.

XYZ(14.4017, 26.7162, 11.2352)	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(14.4017, 26.7162,
11.2352)**

Conversions

Conversions Part 1

Format	Color
Hex	00A34C
RGB	0, 163, 76
RGB Percent	0%, 64%, 30%
CMY	1.0000, 0.3608, 0.7020
CMYK	1.00, 0.00, 0.53, 0.36
HSL	148°, 100%, 32%
HSV	148°, 100%, 64%
XYZ	14.4017, 26.7162, 11.2352
YIQ	104.3450, -69.2210, -61.6130

Conversions

Conversions Part 2

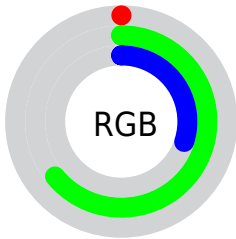
Format	Color
RYB	0, 111, 163
Decimal	41804
CIELab	58.71, -55.47, 35.00
CIElCh	59, 65.590, 147.746
Yxy	26.7162, 0.2751, 0.5103
Android (android.graphics.Color)	4278231884 (0xFF00A34C)
YUV	104.3450, -13.9741, -91.5106
Hunter-Lab	51.6877, -40.7182, 23.2937

Details

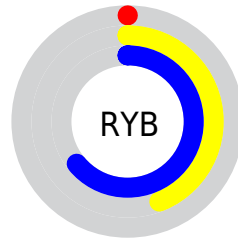
The XYZ color **14.4017, 26.7162, 11.2352** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **16.8254, 8.4751, 9.7669**, and the grayscale version is **13.3011, 13.9938, 15.2392**.

A 20% lighter version of the original color is **33.3787, 54.3690, 28.8137**, and **5.7738, 11.2310, 2.9004** is the 20% darker color. If you saturate the color by 10%, you get **14.4022, 26.7172, 11.2354**, and if you desaturate by 10%, it is **14.9445, 26.9594, 12.9486**.

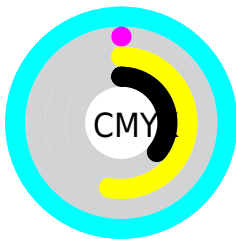
Distribution



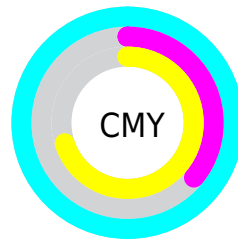
- Red (0%)
- Green (64%)
- Blue (30%)



- Red (0%)
- Yellow (44%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4017, 26.7162, 11.2352 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 14.4017, 26.7162, 11.2352 by changing the saturation by 10% instead.

■ 14.4017, 26.7162,
11.2352

■ 14.4017, 26.7162,
11.2352

213.1767,
286.2804, 210.0692

■ 8.4841, 17.3602,
6.1091

■ 33.3805, 54.4281,
28.7375

■ 4.4607, 10.4916,
2.8417

■ 47.1724, 73.5528,
41.9509

■ 1.9659, 5.7261,
1.0144

■ 64.3198, 96.7026,
58.6970

■ 0.6147, 2.6793,
0.0000

■ 85.1880, 124.2617,
79.3946

■ 0.0000, 0.9667,
0.0000

■ 110.1425,
156.6147, 104.4620

■ 0.0000, 0.0000,
0.0000

■ 139.5485,

194.1458, 134.3179

173.7715,
237.2396, 169.3808

■ 14.4017, 26.7162,
11.2352

■ 14.4017, 26.7162,
11.2352

■ 14.4022, 26.7172,
11.2354

■ 14.9445, 26.9594,
12.9486

■ 15.7060, 27.3097,
14.8933

■ 16.7632, 27.8074,
17.0811

■ 18.1498, 28.4696,
19.5209

■ 19.8947, 29.3112,
22.2209

■ 22.0236, 30.3452,
25.1891

■ 24.5595, 31.5834,
28.4328

■ 27.5238, 33.0365,
31.9592

■ 30.9360, 34.7147,
35.7753

Harmonies

Analogous

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



18.8328, 26.7162, 4.8226



14.4017, 26.7162, 11.2352



12.8303, 26.7162, 27.3762

Triad

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



14.4017, 26.7162, 11.2352



24.7875, 26.7162, 99.9151



41.7490, 26.7162, 12.9186

Complementary

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



14.4017, 26.7162, 11.2352



16.8254, 8.4751, 9.7669

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.



44.2664, 26.7162, 30.8726



14.4017, 26.7162, 11.2352



33.3229, 26.7162, 88.8020

Square

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



14.4017, 26.7162, 11.2352



17.9799, 26.7162, 85.1741



40.9046, 26.7162, 59.8325



34.6062, 26.7162, 5.3696

Rectangle

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



14.4017, 26.7162, 11.2352



13.2966, 26.7162, 44.8440



40.9046, 26.7162, 59.8325



43.2227, 26.7162, 17.5388

Sweetspot

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



14.4024, 26.7173, 11.2358



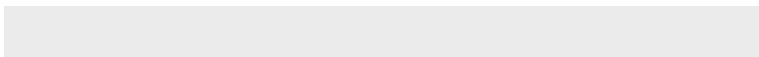
43.7086, 56.4272, 50.5809



17.2806, 28.3518, 4.5618



9.3909, 12.4652, 10.8256



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.



14.4024, 26.7173, 11.2358



25.6930, 47.8069, 19.5983



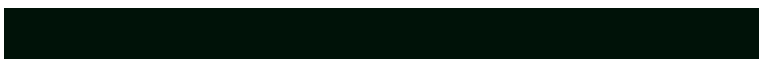
19.0018, 28.5571, 35.4562



7.1165, 7.9474, 8.2255



11.2153, 20.7725, 8.8504



0.2595, 0.4460, 0.3114

Inverse Universe

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



16.8254, 8.4751, 9.7669



30.0294, 15.1366, 16.9523



15.1496, 7.8048, 0.9422



7.2244, 7.1462, 8.1679



13.0990, 6.5956, 7.7118



0.2989, 0.1480, 0.2864

Previews

White Background



This preview shows how the XYZ color 14.4017, 26.7162, 11.2352 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 14.4017, 26.7162, 11.2352 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 14.4017, 26.7162, 11.2352

Background



This preview shows how black text looks on a background with the XYZ color 14.4017, 26.7162, 11.2352.



This preview shows how white text looks on a background with the XYZ color 14.4017, 26.7162,

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

14.4017, 26.7162, 11.2352

Protanopia

24.1166, 26.4480, 9.4641

Deuteranopia

26.7029, 26.2363, 12.0442



Tritanopia

20.3241, 26.5924, 40.1380

Trichromacy



Original Color

14.4017, 26.7162, 11.2352



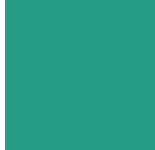
Protanomaly

17.0627, 24.6154, 9.9828



Deuteranomaly

17.7949, 24.0330, 11.4855



Tritanomaly

17.1657, 26.2585, 26.3540

Monochromacy



Original Color

14.4017, 26.7162, 11.2352



Achromatopsia

13.1579, 13.8432, 15.0752



Achromatomaly

11.6008, 16.6336, 13.1889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4017, 26.7162, 11.2352 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, 163, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 76)  
}
```

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, 163, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 76) }
```

Border

The CSS property to change the border of an element to XYZ 14.4017, 26.7162, 11.2352 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, 163, 76) }
```


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

```
.border{ border-color:rgb(0, 163, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 163, 76)  
}
```

Background

The CSS property to change the background color of an element to XYZ 14.4017, 26.7162, 11.2352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 76) }
```

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

```
.background{ background-color: rgb(0, 163,  
76) }
```

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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