

Converting Colors

XYZ(15.3274, 26.2137, 14.1394)

Have a look what the booklet for
XYZ(15.3274, 26.2137, 14.1394)
contains.

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Color

**XYZ(15.2413, 26.0438,
14.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	2A9F5B
RGB	42, 159, 91
RGB Percent	16%, 62%, 36%
CMY	0.8353, 0.3765, 0.6431
CMYK	0.74, 0.00, 0.43, 0.38
HSL	145°, 58%, 39%
HSV	145°, 74%, 62%
XYZ	15.2413, 26.0438, 14.1212
YIQ	116.2650, -47.9040, -45.9520

Conversions

Conversions Part 2

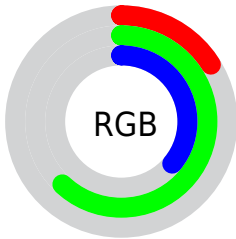
Format	Color
R_{YB}	42, 124, 159
Decimal	2793307
CIE _{Lab}	58.08, -47.66, 26.49
CIE _{LCh}	58, 54.527, 150.939
Yxy	26.0438, 0.2751, 0.4701
Android (android.graphics.Color)	4280983387 (0xFF2A9F5B)
YUV	116.2650, -12.4556, -65.1304
Hunter-Lab	51.0331, -35.9980, 19.3173

Details

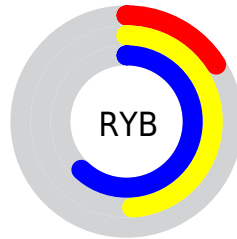
The XYZ color **15.2413, 26.0438, 14.1212** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **17.9413, 10.1532, 15.7670**, and the grayscale version is **16.7300, 17.6013, 19.1678**.

A 20% lighter version of the original color is **34.8918, 53.4969, 34.0781**, and **5.6087, 10.4899, 4.1120** is the 20% darker color. If you saturate the color by 10%, you get **14.3411, 25.6237, 12.1250**, and if you desaturate by 10%, it is **16.4499, 26.6186, 16.3893**.

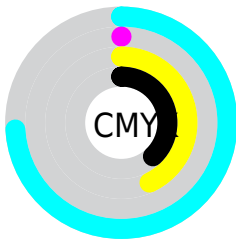
Distribution



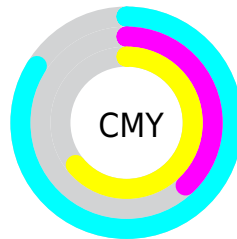
- Red (16%)
- Green (62%)
- Blue (36%)



- Red (16%)
- Yellow (49%)
- Blue (62%)



- Cyan (74%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (84%)
- Magenta (38%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2413, 26.0438, 14.1212 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 15.2413, 26.0438, 14.1212 by changing the saturation by 10% instead.

■ 15.2413, 26.0438,
14.1212

■ 15.2413, 26.0438,
14.1212

218.1817,
282.9970, 229.4381

■ 9.0763, 16.8564,
8.0653

■ 34.8441, 53.3456,
34.0241

■ 4.8485, 10.1322,
4.0484

■ 49.0127, 72.2288,
48.7083

■ 2.1925, 5.4867,
1.6519

■ 66.5798, 95.1127,
67.1055

■ 0.7388, 2.5355,
0.3275

■ 87.9109, 122.3818,
89.6345

■ 0.0000, 0.8944,
0.0000

■ 113.3713,
154.4203, 116.7137

■ 0.0000, 0.0000,
0.0000

■ 143.3263,

191.6128, 148.7617

178.1413,
234.3436, 186.1970

■ 15.2413, 26.0438,
14.1212

■ 15.2413, 26.0438,
14.1212

■ 14.3411, 25.6237,
12.1250

■ 16.4499, 26.6186,
16.3893

■ 13.7130, 25.3377,
10.3880

■ 17.9940, 27.3598,
18.9377

■ 13.3995, 25.1975,
9.4033

■ 19.8996, 28.2813,
21.7766

■ 22.1896, 29.3948,
24.9150

■ 24.8849, 30.7108,
28.3615

■ 28.0049, 32.2391,
32.1246

■ 31.5676, 33.9890,
36.2122

■ 35.5901, 35.9690,
40.6319

■ 40.0884, 38.1873,
45.3911

Harmonies

Analogous

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



18.7897, 26.0438, 7.2206



15.2413, 26.0438, 14.1212



14.1159, 26.0438, 28.9565

Triad

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



15.2413, 26.0438, 14.1212



24.9622, 26.0438, 82.3774



37.3019, 26.0438, 13.4836

Complementary

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



15.2413, 26.0438, 14.1212



17.9413, 10.1532, 15.7670

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.



39.7218, 26.0438, 27.7664



15.2413, 26.0438, 14.1212



31.8628, 26.0438, 72.3074

Square

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



15.2413, 26.0438, 14.1212



19.0908, 26.0438, 73.4236



37.5756, 26.0438, 49.9101



31.4389, 26.0438, 6.9842

Rectangle

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



15.2413, 26.0438, 14.1212



14.6985, 26.0438, 43.4173



37.5756, 26.0438, 49.9101



38.5872, 26.0438, 17.2576

Sweetspot

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



15.2420, 26.0449, 14.1218



45.1763, 55.2973, 51.5470



19.2785, 28.2956, 6.6363



9.8889, 12.3219, 11.2537



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.



15.2420, 26.0449, 14.1218



24.9441, 45.5497, 19.7656



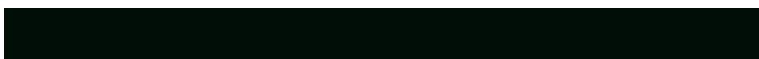
18.7986, 27.4675, 32.8506



6.6602, 7.4448, 7.6453



10.6029, 19.9091, 7.5319



0.2102, 0.3642, 0.2432

Inverse Universe

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



17.9413, 10.1532, 15.7670



30.0077, 15.5100, 22.6821



15.7409, 9.2730, 4.1799



6.7865, 6.7075, 7.7271



12.8543, 6.4463, 8.7495



0.2506, 0.1236, 0.2660

Previews

White Background



This preview shows how the XYZ color 15.2413, 26.0438, 14.1212 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 15.2413, 26.0438, 14.1212 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 15.2413, 26.0438, 14.1212

Background



This preview shows how black text looks on a background with the XYZ color 15.2413, 26.0438, 14.1212.



This preview shows how white text looks on a background with the XYZ color 15.2413, 26.0438,

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

15.2413, 26.0438, 14.1212

Protanopia

23.7428, 25.7652, 11.9054

Deuteranopia

26.0622, 25.6375, 14.8842



Tritanopia

20.2033, 26.0797, 38.6194

Trichromacy



Original Color

15.2413, 26.0438, 14.1212



Protanomaly

18.6407, 24.6744, 12.5843



Deuteranomaly

19.4843, 24.1653, 14.4639



Tritanomaly

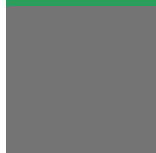
17.9344, 25.8780, 27.7166

Monochromacy



Original Color

15.2413, 26.0438, 14.1212



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

15.0249, 19.6879, 16.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2413, 26.0438, 14.1212 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(42, 159, 91)` looks like.

```
.text, #text, p{  
    color:rgb(42, 159, 91)  
}
```

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(42, 159, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 159, 91) }
```

Border

The CSS property to change the border of an element to XYZ 15.2413, 26.0438, 14.1212 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(42, 159, 91) }
```


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

```
.border{ border-color:rgb(42, 159, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 159, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 159, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 159, 91);  
box-shadow:4px 4px 4px 4px rgb(42, 159,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2413, 26.0438, 14.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 159, 91) }
```

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

```
.background{ background-color: rgb(42, 159,  
91) }
```

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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