

Converting Colors

XYZ(15.4124, 24.8763, 14.1157)

Have a look what the booklet for
XYZ(15.4124, 24.8763, 14.1157)
contains.

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Color

**XYZ(15.4118, 24.8760,
14.1145)**

Conversions

Conversions Part 1

Format	Color
Hex	3D9A5C
RGB	61, 154, 92
RGB Percent	24%, 60%, 36%
CMY	0.7608, 0.3961, 0.6392
CMYK	0.60, 0.00, 0.40, 0.40
HSL	140°, 43%, 42%
HSV	140°, 60%, 60%
XYZ	15.4118, 24.8760, 14.1145
YIQ	119.1250, -35.5260, -38.9980

Conversions

Conversions Part 2

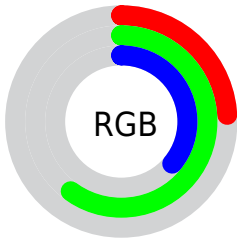
Format	Color
RYB	61, 131, 154
Decimal	4037212
CIELab	56.95, -41.81, 24.56
CIElCh	57, 48.489, 149.564
Yxy	24.8760, 0.2833, 0.4573
Android (android.graphics.Color)	4282227292 (0xFF3D9A5C)
YUV	119.1250, -13.3726, -50.9756
Hunter-Lab	49.8758, -32.1256, 18.1345

Details

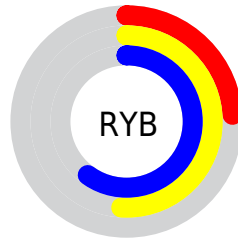
The XYZ color **15.4118, 24.8760, 14.1145** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **18.5710, 11.6380, 20.0070**, and the grayscale version is **17.6237, 18.5415, 20.1917**.

A 20% lighter version of the original color is **35.0945, 51.3660, 34.0516**, and **5.2250, 9.6922, 4.0780** is the 20% darker color. If you saturate the color by 10%, you get **14.1778, 24.2889, 11.8709**, and if you desaturate by 10%, it is **16.9801, 25.6298, 16.6924**.

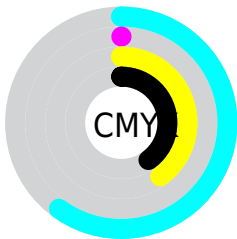
Distribution



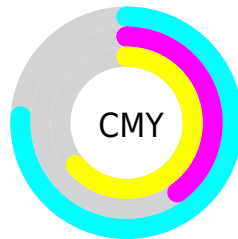
- Red (24%)
- Green (60%)
- Blue (36%)



- Red (24%)
- Yellow (51%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (40%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4118, 24.8760, 14.1145 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 15.4118, 24.8760, 14.1145 by changing the saturation by 10% instead.

■ 15.4118, 24.8760,
14.1145

■ 15.4118, 24.8760,
14.1145

219.1847,
277.2199, 229.3951

■ 9.1971, 15.9847,
8.0607

■ 35.1398, 51.4560,
34.0121

■ 4.9281, 9.5133,
4.0455

■ 49.3837, 69.9135,
48.6930

■ 2.2395, 5.0775,
1.6503

■ 67.0348, 92.3284,
67.0866

■ 0.7634, 2.2928,
0.3264

■ 88.4584, 119.0853,
89.6115

■ 0.0000, 0.7699,
0.0000

■ 114.0198,
150.5685, 116.6863

■ 0.0000, 0.0000,
0.0000

144.0844,

187.1624, 148.7295

179.0176,
229.2514, 186.1596

■ 15.4118, 24.8760,
14.1145

■ 15.4118, 24.8760,
14.1145

■ 14.1778, 24.2889,
11.8709

■ 16.9801, 25.6298,
16.6924

■ 13.2498, 23.8522,
9.9459

■ 18.9044, 26.5591,
19.6160

■ 12.5976, 23.5511,
8.3253

■ 21.2065, 27.6756,
22.8983

■ 12.1610, 23.3541,
7.0377

■ 23.9060, 28.9892,
26.5508

■ 27.0211, 30.5090,
30.5848

■ 30.5687, 32.2436,
35.0111

■ 34.5650, 34.2010,
39.8398

■ 39.0252, 36.3889,
45.0809

■ 43.9637, 38.8146,
50.7440

Harmonies

Analogous

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



18.6476, 24.8760, 7.9543



15.4118, 24.8760, 14.1145



14.3064, 24.8760, 26.8478

Triad

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



15.4118, 24.8760, 14.1145



23.5607, 24.8760, 72.0355



34.4905, 24.8760, 14.3838

Complementary

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



15.4118, 24.8760, 14.1145



18.5710, 11.6380, 20.0070

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.



36.3543, 24.8760, 27.3251



15.4118, 24.8760, 14.1145



29.4613, 24.8760, 64.4890

Square

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



15.4118, 24.8760, 14.1145



18.5247, 24.8760, 64.0644



34.3835, 24.8760, 46.2547



29.6288, 24.8760, 8.0602

Rectangle

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



15.4118, 24.8760, 14.1145



14.7627, 24.8760, 38.9870



34.3835, 24.8760, 46.2547



35.5200, 24.8760, 17.8924

Sweetspot

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



15.4124, 24.8770, 14.1151



44.5115, 53.1884, 49.6598



20.5671, 27.6602, 8.6699



9.7445, 11.8779, 10.8045



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



15.4124, 24.8770, 14.1151



25.1826, 43.8508, 20.4354



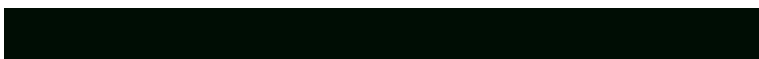
18.1045, 25.9538, 28.2913



6.2129, 6.9579, 7.0443



9.9227, 19.0325, 5.8137



0.1640, 0.2908, 0.1695

Inverse Universe

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



18.5710, 11.6380, 20.0070



31.4006, 17.6511, 31.9329



16.3178, 10.7367, 8.1415



6.3736, 6.2886, 7.3476



12.8554, 6.3964, 11.0293



0.2089, 0.1023, 0.2528

Previews

White Background



This preview shows how the XYZ color 15.4118, 24.8760, 14.1145 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 15.4118, 24.8760, 14.1145 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 15.4118, 24.8760, 14.1145

Background



This preview shows how black text looks on a background with the XYZ color 15.4118, 24.8760, 14.1145.



This preview shows how white text looks on a background with the XYZ color 15.4118, 24.8760,

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

15.4118, 24.8760, 14.1145

Protanopia

22.6566, 24.5601, 12.1408

Deuteranopia

24.8852, 24.4242, 14.9580



Tritanopia

19.7587, 24.7319, 36.0801

Trichromacy



Original Color

15.4118, 24.8760, 14.1145

Protanomaly

18.7864, 24.0625, 12.8869

Deuteranomaly

19.8014, 23.6697, 14.5914

Tritanomaly

17.7982, 24.6326, 26.3708

Monochromacy



Original Color

15.4118, 24.8760, 14.1145

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

16.0486, 20.2033, 17.5218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4118, 24.8760, 14.1145 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(61, 154, 92)` looks like.

```
.text, #text, p{  
    color:rgb(61, 154, 92)  
}
```

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(61, 154, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 154, 92) }
```

Border

The CSS property to change the border of an element to XYZ 15.4118, 24.8760, 14.1145 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(61, 154, 92) }
```


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

```
.border{ border-color:rgb(61, 154, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 154, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 154, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 154, 92);  
box-shadow:4px 4px 4px 4px rgb(61, 154,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4118, 24.8760, 14.1145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 154, 92) }
```

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

```
.background{ background-color: rgb(61, 154,  
92) }
```

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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