

Converting Colors

XYZ(15.4842, 25.7462, 15.6653)

Have a look what the booklet for
XYZ(15.4842, 25.7462, 15.6653)
contains.

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Color

**XYZ(15.4339, 25.6001,
15.6831)**

Conversions

Conversions Part 1

Format	Color
Hex	2F9D62
RGB	47, 157, 98
RGB Percent	18%, 62%, 38%
CMY	0.8157, 0.3843, 0.6157
CMYK	0.70, 0.00, 0.38, 0.38
HSL	148°, 54%, 40%
HSV	148°, 70%, 62%
XYZ	15.4339, 25.6001, 15.6831
YIQ	117.3840, -46.6210, -41.6690

Conversions

Conversions Part 2

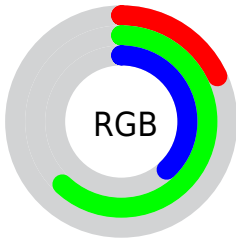
Format	Color
RYB	47, 122, 157
Decimal	3120482
CIELab	57.66, -44.70, 22.15
CIELCh	58, 49.887, 153.636
Yxy	25.6001, 0.2721, 0.4514
Android (android.graphics.Color)	4281310562 (0xFF2F9D62)
YUV	117.3840, -9.5563, -61.7268
Hunter-Lab	50.5965, -34.0946, 17.0398

Details

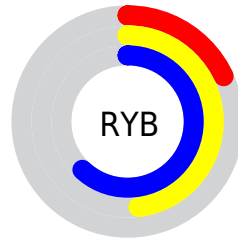
The XYZ color **15.4339, 25.6001, 15.6831** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.5236, 10.2424, 14.6904**, and the grayscale version is **17.0676, 17.9564, 19.5545**.

A 20% lighter version of the original color is **35.0317, 52.3827, 36.6983**, and **5.5479, 10.1396, 4.7967** is the 20% darker color. If you saturate the color by 10%, you get **14.4593, 25.1419, 13.6702**, and if you desaturate by 10%, it is **16.7120, 26.2113, 17.9297**.

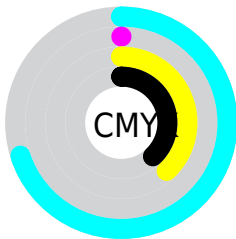
Distribution



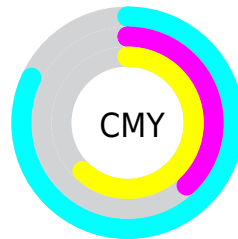
- Red (18%)
- Green (62%)
- Blue (38%)



- Red (18%)
- Yellow (48%)
- Blue (62%)



- Cyan (70%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)





- Cyan (82%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4339, 25.6001, 15.6831 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 15.4339, 25.6001, 15.6831 by changing the saturation by 10% instead.


 15.4339, 25.6001,
15.6831


 15.4339, 25.6001,
15.6831

219.3144,
280.8134, 239.2459


 9.2128, 16.5247,
9.1483

 35.1780, 52.6291,
36.8063


 4.9384, 9.8962,
4.7399


 49.4317, 71.3515,
52.2317


 2.2456, 5.3302,
2.0394

 67.0937, 94.0584,
71.4577

 0.7666, 2.4423,
0.5794

 88.5292, 121.1341,
94.9029

 0.0000, 0.8475,
0.0000

 114.1037,
152.9631, 122.9858

 0.0000, 0.0000,
0.0000

 144.1825,

189.9297, 156.1249

179.1309,
232.4183, 194.7388

■ 15.4339, 25.6001,
15.6831

■ 15.4339, 25.6001,
15.6831

■ 14.4593, 25.1419,
13.6702

■ 16.7120, 26.2113,
17.9297

■ 13.7556, 24.8180,
11.8812

■ 18.3181, 26.9859,
20.4160

■ 13.2531, 24.5931,
10.3153

■ 20.2760, 27.9368,
23.1498

■ 22.6070, 29.0747,
26.1380

■ 25.3304, 30.4096,
29.3873

■ 28.4642, 31.9505,
32.9040

■ 32.0252, 33.7061,
36.6942

■ 36.0294, 35.6844,
40.7639

■ 40.4918, 37.8931,
45.1187

Harmonies

Analogous

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



18.5156, 25.6001, 8.4941



15.4339, 25.6001, 15.6831



14.5862, 25.6001, 30.0096

Triad

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



15.4339, 25.6001, 15.6831



25.0668, 25.6001, 75.1907



35.1859, 25.6001, 13.3503

Complementary

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



15.4339, 25.6001, 15.6831



17.5236, 10.2424, 14.6904

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.



37.6683, 25.6001, 25.8425



15.4339, 25.6001, 15.6831



31.2547, 25.6001, 65.1450

Square

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



15.4339, 25.6001, 15.6831



19.5856, 25.6001, 68.8829



36.1243, 25.6001, 45.1549



29.7895, 25.6001, 7.5852

Rectangle

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



15.4339, 25.6001, 15.6831



15.2641, 25.6001, 43.2276



36.1243, 25.6001, 45.1549



36.4255, 25.6001, 16.6692

Sweetspot

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



15.4346, 25.6011, 15.6837



44.6658, 54.1165, 51.8190



18.6947, 27.4772, 7.0080



9.5466, 11.7697, 11.0713



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.



15.4346, 25.6011, 15.6837



25.1380, 44.6749, 22.6526



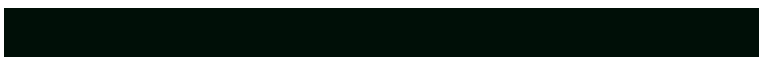
18.8567, 26.9700, 33.7045



6.6723, 7.4497, 7.7088



10.7819, 19.9807, 8.4744



0.2140, 0.3657, 0.2630

Inverse Universe

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



17.5236, 10.2424, 14.6904



29.1090, 15.3745, 20.6863



15.5531, 9.4542, 4.3137



6.7743, 6.7026, 7.6626



12.6184, 6.3519, 7.5074



0.2469, 0.1221, 0.2462

Previews

White Background



This preview shows how the XYZ color 15.4339, 25.6001, 15.6831 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 15.4339, 25.6001, 15.6831 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 15.4339, 25.6001, 15.6831

Background



This preview shows how black text looks on a background with the XYZ color 15.4339, 25.6001, 15.6831.



This preview shows how white text looks on a background with the XYZ color 15.4339, 25.6001,

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

15.4339, 25.6001, 15.6831

Protanopia

23.1855, 25.0191, 13.2800

Deuteranopia

25.6502, 25.1834, 16.6057



Tritanopia

19.7790, 25.4077, 37.5799

Trichromacy



Original Color

15.4339, 25.6001, 15.6831

Protanomaly

18.6311, 24.1816, 14.0415

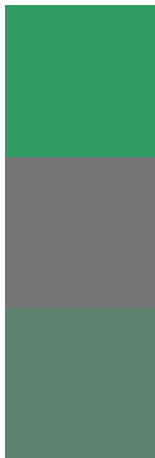
Deuteranomaly

19.6689, 24.0021, 16.1666

Tritanomaly

17.8023, 25.3156, 27.9929

Monochromacy



Original Color

15.4339, 25.6001, 15.6831

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.4794, 19.9036, 17.7778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4339, 25.6001, 15.6831 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(47, 157, 98)` looks like.

```
.text, #text, p{  
    color:rgb(47, 157, 98)  
}
```

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(47, 157, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 157, 98) }
```

Border

The CSS property to change the border of an element to XYZ 15.4339, 25.6001, 15.6831 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(47, 157, 98) }
```


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

```
.border{ border-color:rgb(47, 157, 98) }
```

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

Here you see how a box with a 4 pixel rgb(47, 157, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 157, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 157, 98);  
box-shadow:4px 4px 4px 4px rgb(47, 157,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4339, 25.6001, 15.6831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 157, 98) }
```

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

```
.background{ background-color: rgb(47, 157,  
98) }
```

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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