

Converting Colors

XYZ(14.0137, 27.5958, 13.4065)

Have a look what the booklet for
XYZ(14.0137, 27.5958, 13.4065)
contains.

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Color

**XYZ(15.4984, 28.3093,
13.4515)**

Conversions

Conversions Part 1

Format	Color
Hex	00A756
RGB	0, 167, 86
RGB Percent	0%, 65%, 34%
CMY	1.0000, 0.3451, 0.6627
CMYK	1.00, 0.00, 0.49, 0.35
HSL	151°, 100%, 33%
HSV	151°, 100%, 65%
XYZ	15.4984, 28.3093, 13.4515
YIQ	107.8330, -73.5310, -60.5950

Conversions

Conversions Part 2

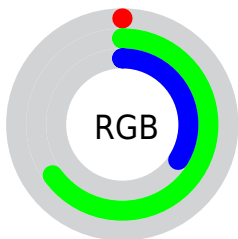
Format	Color
RYB	0, 110, 167
Decimal	42838
CIELab	60.17, -55.15, 31.71
CIELCh	60, 63.614, 150.097
Yxy	28.3093, 0.2707, 0.4944
Android (android.graphics.Color)	4278232918 (0xFF00A756)
YUV	107.8330, -10.7637, -94.5695
Hunter-Lab	53.2065, -41.1165, 22.2550

Details

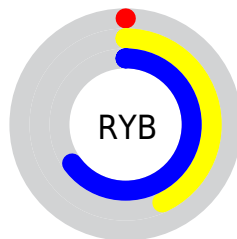
The XYZ color **15.4984, 28.3093, 13.4515** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **17.4224, 8.8101, 8.5679**, and the grayscale version is **14.2518, 14.9940, 16.3285**.

A 20% lighter version of the original color is **35.2174, 56.8056, 32.7753**, and **6.2550, 11.9502, 3.8107** is the 20% darker color. If you saturate the color by 10%, you get **15.4990, 28.3104, 13.4517**, and if you desaturate by 10%, it is **16.0702, 28.5650, 15.2804**.

Distribution



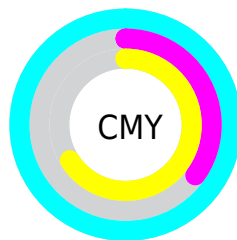
- Red (0%)
- Green (65%)
- Blue (34%)



- Red (0%)
- Yellow (43%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.4984, 28.3093, 13.4515 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 15.4984, 28.3093, 13.4515 by changing the saturation by 10% instead.


 15.4984, 28.3093,
13.4515

 15.4984, 28.3093,
13.4515


219.6925,
293.9419, 225.0999


 9.2585, 18.5589,
7.6058


 35.2897, 56.9779,
32.8156


 4.9686, 11.3520,
3.7596


 49.5718, 76.6649,
47.1710


 2.2634, 6.3041,
1.4944


 67.2654, 100.4329,
65.2002

 0.7759, 3.0309,
0.2138

 88.7358, 128.6663,
87.3215

 0.0000, 1.1479,
0.0000

 114.3483,
161.7495, 113.9536

 0.0000, 0.0185,
0.0000

 144.4684,

 0.0000, 0.0000,

200.0670, 145.5150

0.0000

179.4613,
244.0030, 182.4243

■ 15.4984, 28.3093,
13.4515

■ 15.4984, 28.3093,
13.4515

■ 15.4990, 28.3104,
13.4517

■ 16.0702, 28.5650,
15.2804

■ 16.8678, 28.9319,
17.3186

■ 17.9709, 29.4517,
19.5761

■ 19.4147, 30.1425,
22.0603

■ 21.2298, 31.0200,
24.7780

■ 23.4430, 32.0977,
27.7357

■ 26.0784, 33.3882,
30.9394

■ 29.1583, 34.9026,
34.3951

■ 32.7033, 36.6516,
38.1084

Harmonies

Analogous

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



19.8011, 28.3093, 6.0422



15.4984, 28.3093, 13.4515



14.1012, 28.3093, 30.9002

Triad

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



15.4984, 28.3093, 13.4515



26.9337, 28.3093, 100.8206



42.8345, 28.3093, 13.3758

Complementary

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



15.4984, 28.3093, 13.4515



17.4224, 8.8101, 8.5679

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.



45.7743, 28.3093, 30.7480



15.4984, 28.3093, 13.4515



35.5374, 28.3093, 88.0900

Square

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



15.4984, 28.3093, 13.4515



19.8387, 28.3093, 88.2433



42.8707, 28.3093, 58.9821



35.4820, 28.3093, 6.0166

Rectangle

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



15.4984, 28.3093, 13.4515



14.7293, 28.3093, 48.9202



42.8707, 28.3093, 58.9821



44.4306, 28.3093, 17.8518

Sweetspot

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



15.4991, 28.3104, 13.4522



46.4251, 59.6575, 55.0836



17.4312, 29.5005, 4.7756



9.9437, 13.1319, 11.7962



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



15.4991, 28.3104, 13.4522



27.6519, 50.6583, 23.5385



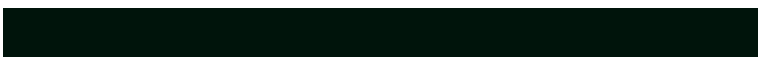
20.7946, 30.4286, 41.3379



7.5920, 8.4698, 8.8374



11.8844, 21.6725, 10.4240



0.3149, 0.5376, 0.3890

Inverse Universe

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



17.4224, 8.8101, 8.5679



31.0976, 15.7361, 14.7986



15.9370, 8.2159, 0.7460



7.6770, 7.6007, 8.6164



13.3558, 6.7510, 6.6852



0.3509, 0.1746, 0.2994

Previews

White Background



This preview shows how the XYZ color 15.4984, 28.3093, 13.4515 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 15.4984, 28.3093, 13.4515 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 15.4984, 28.3093, 13.4515

Background



This preview shows how black text looks on a background with the XYZ color 15.4984, 28.3093, 13.4515.



This preview shows how white text looks on a background with the XYZ color 15.4984, 28.3093,

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

15.4984, 28.3093, 13.4515

Protanopia

25.6465, 27.8675, 11.2350

Deuteranopia

28.2978, 27.8515, 14.2403



Tritanopia

21.5325, 28.4128, 42.3795

Trichromacy



Original Color

15.4984, 28.3093, 13.4515



Protanomaly

18.0803, 25.8173, 11.8149



Deuteranomaly

19.0233, 25.5481, 13.6015



Tritanomaly

18.2801, 27.8049, 28.8295

Monochromacy



Original Color

15.4984, 28.3093, 13.4515



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

12.6048, 17.8858, 14.8446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4984, 28.3093, 13.4515 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, 167, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 167, 86)  
}
```

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, 167, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 167, 86) }
```

Border

The CSS property to change the border of an element to XYZ 15.4984, 28.3093, 13.4515 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, 167, 86) }
```


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

```
.border{ border-color:rgb(0, 167, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 167, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 167, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 167, 86);  
box-shadow:4px 4px 4px 4px rgb(0, 167, 86)  
}
```

Background

The CSS property to change the background color of an element to XYZ 15.4984, 28.3093, 13.4515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 167, 86) }
```

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

```
.background{ background-color: rgb(0, 167,  
86) }
```

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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