

Converting Colors

XYZ(15.2342, 26.4692, 13.9796)

Have a look what the booklet for
XYZ(15.2342, 26.4692, 13.9796)
contains.

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Color

**XYZ(15.2835, 26.5852,
13.9988)**

Conversions

Conversions Part 1

Format	Color
Hex	23A15A
RGB	35, 161, 90
RGB Percent	14%, 63%, 35%
CMY	0.8627, 0.3686, 0.6471
CMYK	0.78, 0.00, 0.44, 0.37
HSL	146°, 64%, 38%
HSV	146°, 78%, 63%
XYZ	15.2835, 26.5852, 13.9988
YIQ	115.2320, -52.3050, -48.7930

Conversions

Conversions Part 2

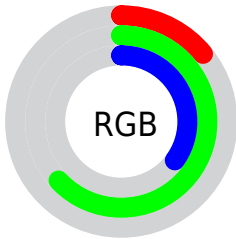
Format	Color
RYB	35, 123, 161
Decimal	2335066
CIELab	58.59, -49.61, 27.66
CIELCh	59, 56.798, 150.859
Yxy	26.5852, 0.2736, 0.4759
Android (android.graphics.Color)	4280525146 (0xFF23A15A)
YUV	115.2320, -12.4394, -70.3635
Hunter-Lab	51.5608, -37.3211, 19.9953




Details

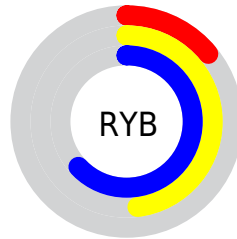
The XYZ color **15.2835, 26.5852, 13.9988** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **17.9014, 9.8204, 14.5892**, and the grayscale version is **16.4149, 17.2698, 18.8068**.




A 20% lighter version of the original color is **34.9874, 54.3155, 33.8392**, and **5.7986, 10.8995, 4.0837** is the 20% darker color. If you saturate the color by 10%, you get **14.4946, 26.2212, 12.0680**, and if you desaturate by 10%, it is **16.3716, 27.0995, 16.1909**.

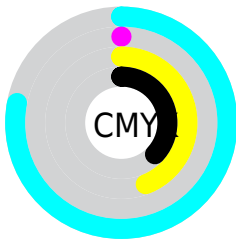
Distribution







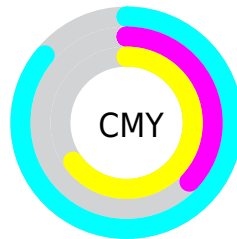
-  Red (14%)
-  Green (63%)
-  Blue (35%)






-  Red (14%)
-  Yellow (48%)
-  Blue (63%)



-  Cyan (78%)
-  Magenta (0%)
-  Yellow (44%)
-  Black (37%)




-  Cyan (86%)
-  Magenta (37%)
-  Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.2835, 26.5852, 13.9988 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 15.2835, 26.5852, 13.9988 by changing the saturation by 10% instead.


 15.2835, 26.5852,
13.9988


 15.2835, 26.5852,
13.9988


218.4303,
285.6431, 228.6515


 9.1062, 17.2619,
7.9811


 34.9173, 54.2175,
33.8040


 4.8682, 10.4214,
3.9952


 49.1046, 73.2954,
48.4286


 2.2041, 5.6793,
1.6227

 66.6926, 96.3936,
66.7592

 0.7449, 2.6510,
0.3070

 88.0466, 123.8965,
89.2143

 0.0000, 0.9524,
0.0000

 113.5320,
156.1885, 116.2126

 0.0000, 0.0000,
0.0000

 143.5142,

193.6540, 148.1725

178.3585,
236.6774, 185.5127

■ 15.2835, 26.5852,
13.9988

■ 15.2835, 26.5852,
13.9988

■ 14.4946, 26.2212,
12.0680

■ 16.3716, 27.0995,
16.1909

■ 13.9455, 25.9748,
10.3850

■ 17.7888, 27.7771,
18.6524

■ 13.8596, 25.9363,
10.1160

■ 19.5635, 28.6331,
21.3931

■ 21.7202, 29.6801,
24.4218

■ 24.2812, 30.9295,
27.7469

■ 27.2672, 32.3915,
31.3763

■ 30.6971, 34.0760,
35.3179

■ 34.5889, 35.9921,
39.5788

■ 38.9595, 38.1481,
44.1664

Harmonies

Analogous

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



19.0029, 26.5852, 6.9277



15.2835, 26.5852, 13.9988



14.1039, 26.5852, 29.5256

Triad

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



15.2835, 26.5852, 13.9988



25.4697, 26.5852, 86.7250



38.5962, 26.5852, 13.3941

Complementary

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



15.2835, 26.5852, 13.9988



17.9014, 9.8204, 14.5892

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.



41.1637, 26.5852, 28.3755



15.2835, 26.5852, 13.9988



32.7789, 26.5852, 75.9313

Square

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



15.2835, 26.5852, 13.9988



19.2920, 26.5852, 77.0303



38.8631, 26.5852, 51.9284



32.3670, 26.5852, 6.7084

Rectangle

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



15.2835, 26.5852, 13.9988



14.7063, 26.5852, 44.8637



38.8631, 26.5852, 51.9284



39.9624, 26.5852, 17.3252

Sweetspot

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



15.2842, 26.5863, 13.9994



45.9678, 56.6052, 52.7587



19.0407, 28.7010, 6.1268



9.6928, 12.2242, 11.0929



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.



15.2842, 26.5863, 13.9994



25.2051, 46.6205, 19.3099



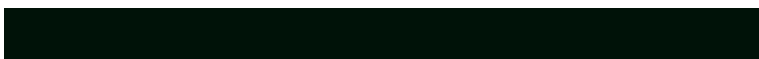
19.1556, 28.1349, 34.3862



7.1079, 7.9440, 8.1802



11.0886, 20.7218, 8.1833



0.2566, 0.4448, 0.2961

Inverse Universe

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



17.9014, 9.8204, 14.5892



30.0553, 15.2840, 20.2054



15.7432, 8.9571, 3.2238



7.2331, 7.1497, 8.2137



13.2582, 6.6594, 8.5505



0.3018, 0.1492, 0.3017

Previews

White Background



This preview shows how the XYZ color 15.2835, 26.5852, 13.9988 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 15.2835, 26.5852, 13.9988 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 15.2835, 26.5852, 13.9988

Background



This preview shows how black text looks on a background with the XYZ color 15.2835, 26.5852, 13.9988.



This preview shows how white text looks on a background with the XYZ color 15.2835, 26.5852,

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

15.2835, 26.5852, 13.9988

Protanopia

24.0379, 26.1377, 11.7608

Deuteranopia

26.5728, 26.1102, 14.7056



Tritanopia

20.4037, 26.4020, 39.6180

Trichromacy



Original Color

15.2835, 26.5852, 13.9988



Protanomaly

18.6600, 25.1507, 12.4654



Deuteranomaly

19.6014, 24.6766, 14.3196



Tritanomaly

17.9397, 26.1184, 28.1406

Monochromacy



Original Color

15.2835, 26.5852, 13.9988



Achromatopsia

16.2955, 17.1441, 18.6699



Achromatomaly

14.6905, 19.5216, 16.6294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2835, 26.5852, 13.9988 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(35, 161, 90)` looks like.

```
.text, #text, p{  
    color:rgb(35, 161, 90)  
}
```

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(35, 161, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 161, 90) }
```

Border

The CSS property to change the border of an element to XYZ 15.2835, 26.5852, 13.9988 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(35, 161, 90) }
```


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

```
.border{ border-color:rgb(35, 161, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 161, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 161, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 161, 90);  
box-shadow:4px 4px 4px 4px rgb(35, 161,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2835, 26.5852, 13.9988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 161, 90) }
```

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

```
.background{ background-color: rgb(35, 161,  
90) }
```

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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