

Converting Colors

XYZ(27.9762, 30.9186, 15.1013)

Have a look what the booklet for
XYZ(27.9762, 30.9186, 15.1013)
contains.

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Color

**XYZ(27.9466, 30.8417,
15.0698)**

Conversions

Conversions Part 1

Format	Color
Hex	A1985E
RGB	161, 152, 94
RGB Percent	63%, 60%, 37%
CMY	0.3686, 0.4039, 0.6314
CMYK	0.00, 0.06, 0.42, 0.37
HSL	52°, 26%, 50%
HSV	52°, 42%, 63%
XYZ	27.9466, 30.8417, 15.0698
YIQ	148.0790, 23.9820, -16.1300

Conversions

Conversions Part 2

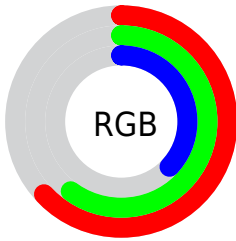
Format	Color
RYB	104, 161, 94
Decimal	10590302
CIELab	62.37, -5.34, 31.67
CIELCh	62, 32.120, 99.564
Yxy	30.8417, 0.3784, 0.4176
Android (android.graphics.Color)	4288780382 (0xFFA1985E)
YUV	148.0790, -26.6609, 11.3317
Hunter-Lab	55.5353, -7.3616, 22.7861

Details

The XYZ color **27.9466, 30.8417, 15.0698** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.8993, 14.6530, 35.7086**, and the grayscale version is **28.2827, 29.7556, 32.4038**.

A 20% lighter version of the original color is **55.7974, 60.9387, 35.6096**, and **11.3312, 12.6928, 4.4375** is the 20% darker color. If you saturate the color by 10%, you get **26.9508, 29.8882, 11.5378**, and if you desaturate by 10%, it is **29.1010, 31.8711, 19.3989**.

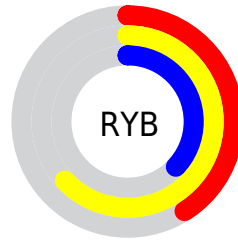
Distribution



Red (63%)

Green (60%)

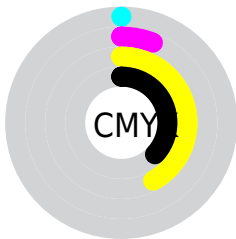
Blue (37%)



Red (41%)

Yellow (63%)

Blue (37%)

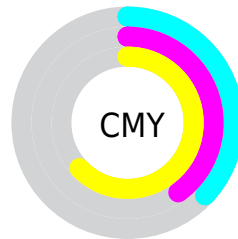


Cyan (0%)

Magenta (6%)

Yellow (42%)

Black (37%)



Cyan (37%)

Magenta (40%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9466, 30.8417, 15.0698 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 27.9466, 30.8417, 15.0698 by changing the saturation by 10% instead.

■ 27.9466, 30.8417,
15.0698

■ 27.9466, 30.8417,
15.0698

284.2964,
305.8084, 235.4436

■ 18.4257, 20.4783,
8.7212

■ 55.8084, 60.9908,
35.7196

■ 11.3576, 12.7432,
4.4655

■ 74.8800, 81.5452,
50.8579

■ 6.3769, 7.2520,
1.8840

■ 97.8658, 106.2656,
69.7632

■ 3.1184, 3.6202,
0.4825

■ 125.1313,
135.5361, 92.8541

■ 1.2167, 1.4634,
0.0000

157.0417,
169.7412, 120.5490

■ 0.1195, 0.2628,
0.0000

193.9625,

■ 0.0000, 0.0000,

209.2654, 153.2665

0.0000

236.2589,
254.4930, 191.4252

■ 27.9466, 30.8417,
15.0698

■ 27.9466, 30.8417,
15.0698

■ 26.9508, 29.8882,
11.5378

■ 29.1010, 31.8711,
19.3989

■ 26.1019, 29.0025,
8.7513

■ 30.4205, 32.9757,
24.5687

■ 25.3901, 28.1818,
6.6555

■ 31.9137, 34.1602,
30.6217

■ 24.8034, 27.4211,
5.1873

■ 33.5882, 35.4276,
37.5973

■ 24.3276, 26.7149,
4.2722

■ 35.4510, 36.7807,
45.5323

■ 23.9861, 26.1533,
3.7839

■ 37.5088, 38.2223,
54.4616

■ 39.7678, 39.7550,
64.4181

■ 42.2341, 41.3812,
75.4335

■ 44.9134, 43.1032,
87.5380

Harmonies

Analogous

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



32.3316, 30.8417, 15.7686



27.9466, 30.8417, 15.0698



24.3042, 30.8417, 18.2966

Triad

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



27.9466, 30.8417, 15.0698



23.3290, 30.8417, 51.2603



37.8684, 30.8417, 42.6557

Complementary

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



27.9466, 30.8417, 15.0698



15.8993, 14.6530, 35.7086

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.



34.9691, 30.8417, 55.6320



27.9466, 30.8417, 15.0698



26.4905, 30.8417, 61.3908

Square

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



27.9466, 30.8417, 15.0698



21.8176, 30.8417, 37.7196



30.7255, 30.8417, 63.1632



38.3568, 30.8417, 29.7575

Rectangle

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



27.9466, 30.8417, 15.0698



22.6796, 30.8417, 22.8526



30.7255, 30.8417, 63.1632



37.1307, 30.8417, 47.2316

Sweetspot

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



27.9474, 30.8431, 15.0704



56.9819, 61.0441, 54.1312



21.2022, 16.5833, 15.1939



12.4238, 13.3309, 11.5718



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.



27.9474, 30.8431, 15.0704



48.3785, 53.6386, 21.0471



25.1724, 31.6630, 15.3749



7.5680, 8.0743, 7.5397



19.1784, 20.9308, 3.0292



0.4240, 0.4818, 0.0706

Inverse Universe

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



15.8993, 14.6530, 35.7086



23.8419, 20.6803, 63.1216



17.8328, 14.3922, 35.5564



6.7736, 7.0062, 8.8984



5.3796, 2.5386, 27.1362



0.1340, 0.0952, 0.5772

Previews

White Background



This preview shows how the XYZ color 27.9466, 30.8417, 15.0698 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 27.9466, 30.8417, 15.0698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

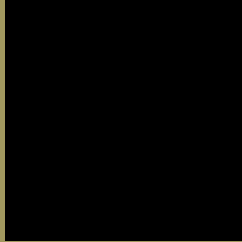
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.9466, 30.8417, 15.0698

Background



This preview shows how black text looks on a background with the XYZ color 27.9466, 30.8417, 15.0698.



This preview shows how white text looks on a background with the XYZ color 27.9466, 30.8417,

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

27.9466, 30.8417, 15.0698

Protanopia

28.6040, 30.9407, 15.0542

Deuteranopia

31.3760, 30.7361, 15.3453



Tritanopia

32.2746, 30.9759, 35.7304

Trichromacy



Original Color

27.9466, 30.8417, 15.0698

Protanomaly

28.3968, 30.8339, 15.0445

Deuteranomaly

29.9548, 30.6923, 15.1719

Tritanomaly

30.3406, 30.8726, 26.5502

Monochromacy



Original Color

27.9466, 30.8417, 15.0698

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.7806, 29.8257, 24.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9466, 30.8417, 15.0698 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(161, 152, 94)` looks like.

```
.text, #text, p{  
    color:rgb(161, 152, 94)  
}
```

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(161, 152, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 152, 94) }
```

Border

The CSS property to change the border of an element to XYZ 27.9466, 30.8417, 15.0698 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(161, 152, 94) }
```


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

```
.border{ border-color:rgb(161, 152, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 152, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 152, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 152, 94);  
box-shadow:4px 4px 4px 4px rgb(161, 152,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9466, 30.8417, 15.0698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 152, 94) }
```

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

```
.background{ background-color: rgb(161,  
152, 94) }
```

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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