

Converting Colors

XYZ(30.7829, 33.8162, 14.1373)

Have a look what the booklet for
XYZ(30.7829, 33.8162, 14.1373)
contains.

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Color

**XYZ(30.7829, 33.8162,
14.1373)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9E58
RGB	171, 158, 88
RGB Percent	67%, 62%, 35%
CMY	0.3294, 0.3804, 0.6549
CMYK	0.00, 0.08, 0.49, 0.33
HSL	51°, 33%, 51%
HSV	51°, 49%, 67%
XYZ	30.7829, 33.8162, 14.1373
YIQ	153.9070, 30.2180, -19.0140

Conversions

Conversions Part 2

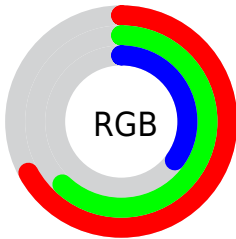
Format	Color
RYB	103, 171, 88
Decimal	11247192
CIELab	64.82, -4.98, 38.06
CIELCh	65, 38.389, 97.451
Yxy	33.8162, 0.3910, 0.4295
Android (android.graphics.Color)	4289437272 (0xFFAB9E58)
YUV	153.9070, -32.4922, 14.9906
Hunter-Lab	58.1517, -7.2756, 26.2922

Details

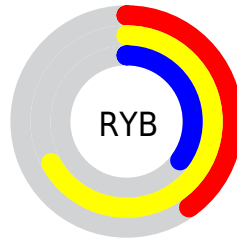
The XYZ color **30.7829, 33.8162, 14.1373** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.0288, 14.3220, 40.4476**, and the grayscale version is **30.8038, 32.4080, 35.2923**.

A 20% lighter version of the original color is **60.1986, 65.4450, 33.8854**, and **12.9600, 14.4438, 4.0243** is the 20% darker color. If you saturate the color by 10%, you get **29.7046, 32.6633, 10.6838**, and if you desaturate by 10%, it is **32.0390, 35.0586, 18.4705**.

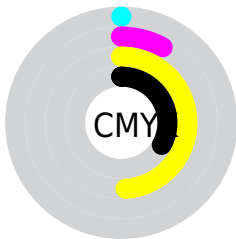
Distribution



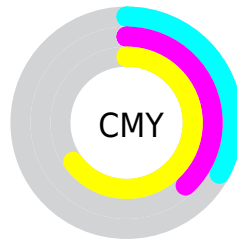
- Red (67%)
- Green (62%)
- Blue (35%)



- Red (40%)
- Yellow (67%)
- Blue (35%)



- Cyan (0%)
- Magenta (8%)
- Yellow (49%)
- Black (33%)





- Cyan (33%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7829, 33.8162, 14.1373 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 30.7829, 33.8162, 14.1373 by changing the saturation by 10% instead.


 30.7829, 33.8162,
14.1373


 30.7829, 33.8162,
14.1373


297.3817,
319.3117, 229.5414


 20.5846, 22.7524,
8.0764


 60.2763, 65.6477,
34.0531


 12.9314, 14.4108,
4.0554


 80.3021, 87.1843,
48.7450


 7.4580, 8.4069,
1.6558


 104.3344,
112.9806, 67.1510

 3.7990, 4.3564,
0.3302

 132.7386,
143.4210, 89.6897

 1.5891, 1.8749,
0.0000

 165.8801,
178.8899, 116.7795

 0.3853, 0.5332,
0.0000

204.1242,

 0.0000, 0.0000,

219.7718, 148.8390

0.0000

247.8363,
266.4509, 186.2868

■ 30.7829, 33.8162,
14.1373

■ 30.7829, 33.8162,
14.1373

■ 29.7046, 32.6633,
10.6838

■ 32.0390, 35.0586,
18.4705

■ 28.7897, 31.5903,
8.0459

■ 33.4810, 36.3902,
23.7375

■ 28.0257, 30.5934,
6.1539

■ 35.1198, 37.8166,
29.9903

■ 27.3969, 29.6662,
4.9256

■ 36.9643, 39.3416,
37.2768

■ 26.8753, 28.7974,
4.2138

■ 39.0231, 40.9685,
45.6413

■ 26.8020, 28.6728,
4.1218

■ 41.3042, 42.7008,
55.1260

■ 43.8152, 44.5416,
65.7706

■ 46.5634, 46.4938,
77.6127

■ 49.5556, 48.5603,
90.6885

Harmonies

Analogous

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



36.3907, 33.8162, 15.2590



30.7829, 33.8162, 14.1373



26.1030, 33.8162, 17.5594

Triad

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



30.7829, 33.8162, 14.1373



24.4220, 33.8162, 58.5989



42.9878, 33.8162, 49.7665

Complementary

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



30.7829, 33.8162, 14.1373



16.0288, 14.3220, 40.4476

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.



39.0455, 33.8162, 66.6489



30.7829, 33.8162, 14.1373



28.2362, 33.8162, 72.6840

Square

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



30.7829, 33.8162, 14.1373



22.7143, 33.8162, 40.9092



33.5391, 33.8162, 75.9895



43.8710, 33.8162, 33.0130

Rectangle

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



30.7829, 33.8162, 14.1373



23.9905, 33.8162, 22.7539



33.5391, 33.8162, 75.9895



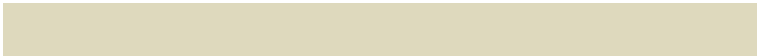
41.9562, 33.8162, 55.7403

Sweetspot

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



30.7837, 33.8178, 14.1380



63.9373, 68.6016, 57.7727



22.6746, 16.5938, 14.5354



14.1122, 15.1760, 12.3116



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.7837, 33.8178, 14.1380



53.1128, 58.4012, 18.8703



27.7100, 35.6999, 14.6633



8.5543, 9.1134, 8.5216



20.2362, 21.6780, 3.1177



0.5912, 0.6595, 0.0961

Inverse Universe

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



16.0288, 14.3220, 40.4476



23.6382, 19.4850, 71.5170



17.9990, 13.6104, 40.2064



7.6764, 7.9522, 10.0830



5.8589, 2.8517, 29.2861



0.1932, 0.1397, 0.8248

Previews

White Background



This preview shows how the XYZ color 30.7829, 33.8162, 14.1373 looks on a white background.

Color Contrast Check

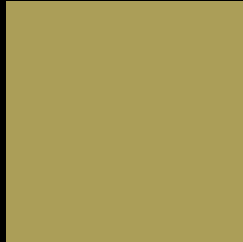
Large Text (above 18pt) WCAG AA × Fail

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 30.7829, 33.8162, 14.1373 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 30.7829, 33.8162, 14.1373

Background



This preview shows how black text looks on a background with the XYZ color 30.7829, 33.8162, 14.1373.



This preview shows how white text looks on a background with the XYZ color 30.7829, 33.8162,

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

30.7829, 33.8162, 14.1373

Protanopia

31.0520, 33.7028, 14.1012

Deuteranopia

34.4900, 33.7573, 14.3709



Tritanopia

35.6995, 33.8509, 38.3705

Trichromacy



Original Color

30.7829, 33.8162, 14.1373

Protanomaly

30.8317, 33.5892, 14.0909

Deuteranomaly

32.9616, 33.6941, 14.2175

Tritanomaly

33.3735, 33.6177, 27.2841

Monochromacy



Original Color

30.7829, 33.8162, 14.1373

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2478, 32.5280, 25.8034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7829, 33.8162, 14.1373 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(171, 158, 88)` looks like.

```
.text, #text, p{  
    color:rgb(171, 158, 88)  
}
```

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(171, 158, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 158, 88) }
```

Border

The CSS property to change the border of an element to XYZ 30.7829, 33.8162, 14.1373 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(171, 158, 88) }
```


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

```
.border{ border-color:rgb(171, 158, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 158, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 158, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 158, 88);  
box-shadow:4px 4px 4px 4px rgb(171, 158,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7829, 33.8162, 14.1373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 158, 88) }
```

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

```
.background{ background-color: rgb(171,  
158, 88) }
```

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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