

Converting Colors

XYZ(29.5591, 37.1855, 29.3448)

Have a look what the booklet for
XYZ(29.5591, 37.1855, 29.3448)
contains.

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Color

**XYZ(29.4829, 37.1466,
29.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	86AE89
RGB	134, 174, 137
RGB Percent	53%, 68%, 54%
CMY	0.4745, 0.3176, 0.4627
CMYK	0.23, 0.00, 0.21, 0.32
HSL	125°, 20%, 60%
HSV	125°, 23%, 68%
XYZ	29.4829, 37.1466, 29.2830
YIQ	157.8220, -11.9630, -19.9870

Conversions

Conversions Part 2

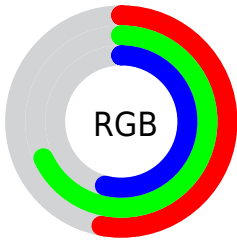
Format	Color
RYB	134, 171, 174
Decimal	8826505
CIELab	67.39, -20.96, 14.67
CIELCh	67, 25.587, 145.006
Yxy	37.1466, 0.3074, 0.3873
Android (android.graphics.Color)	4287016585 (0xFF86AE89)
YUV	157.8220, -10.2652, -20.8919
Hunter-Lab	60.9480, -20.3117, 14.1772

Details

The XYZ color **29.4829, 37.1466, 29.2830** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.3326, 28.9899, 42.3684**, and the grayscale version is **32.4684, 34.1593, 37.1995**.

A 20% lighter version of the original color is **58.3301, 71.0027, 59.3458**, and **12.1250, 16.2019, 11.5050** is the 20% darker color. If you saturate the color by 10%, you get **25.8648, 35.4061, 23.5299**, and if you desaturate by 10%, it is **33.7316, 39.1945, 35.9663**.

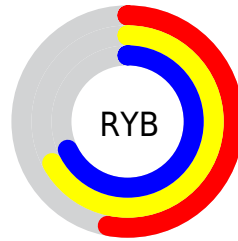
Distribution



Red (53%)

Green (68%)

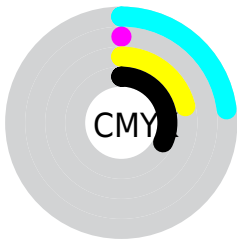
Blue (54%)



Red (53%)

Yellow (67%)

Blue (68%)

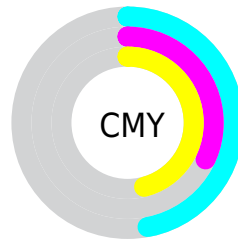


Cyan (23%)

Magenta (0%)

Yellow (21%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4829, 37.1466, 29.2830 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 29.4829, 37.1466, 29.2830 by changing the saturation by 10% instead.

■ 29.4829, 37.1466,
29.2830

■ 29.4829, 37.1466,
29.2830

291.4399,
333.9448, 312.6505

■ 19.5925, 25.3210,
19.0476

■ 58.2357, 70.7982,
59.5740

■ 12.2057, 16.3164,
11.5275

■ 77.8289, 93.3930,
80.4666

■ 6.9572, 9.7483,
6.3042

■ 101.3870,
120.3463, 105.7487

■ 3.4814, 5.2324,
2.9592

129.2755,
152.0426, 135.8388

■ 1.4132, 2.3843,
1.0738

161.8597,
188.8662, 171.1556

■ 0.2656, 0.8178,
0.0000

199.5049,

■ 0.0000, 0.0000,

231.2015, 212.1174

0.0000

242.5765,
279.4329, 259.1428

■ 29.4829, 37.1466,
29.2830

■ 29.4829, 37.1466,
29.2830

■ 25.8648, 35.4061,
23.5299

■ 33.7316, 39.1945,
35.9663

■ 22.8444, 33.9536,
18.6635

■ 38.6359, 41.5585,
43.6158

■ 20.3903, 32.7750,
14.6403

■ 44.2229, 44.2529,
52.2687

■ 18.4673, 31.8530,
11.4126

■ 50.5174, 47.2899,
61.9595

■ 17.0358, 31.1686,
8.9274

■ 57.5429, 50.6808,
72.7210

■ 16.0509, 30.6998,
7.1258

■ 65.3220, 54.4365,
84.5845

■ 15.4596, 30.4205,
5.9395

■ 73.5800, 58.4149,
97.5663

■ 15.2098, 30.3028,
5.4299

■ 74.4268, 58.7536,
102.0256

Harmonies

Analogous

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



32.2143, 37.1466, 23.8626



29.4829, 37.1466, 29.2830



28.3152, 37.1466, 38.5955

Triad

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



29.4829, 37.1466, 29.2830



34.6544, 37.1466, 65.9985



42.5905, 37.1466, 31.9875

Complementary

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



29.4829, 37.1466, 29.2830



33.3326, 28.9899, 42.3684

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.



43.3636, 37.1466, 42.3554



29.4829, 37.1466, 29.2830



38.5910, 37.1466, 63.3430

Square

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



29.4829, 37.1466, 29.2830



31.1566, 37.1466, 60.8415



41.8510, 37.1466, 54.1376



39.8099, 37.1466, 25.2096

Rectangle

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



29.4829, 37.1466, 29.2830



28.5129, 37.1466, 46.2993



41.8510, 37.1466, 54.1376



43.1021, 37.1466, 35.1087

Sweetspot

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



29.4839, 37.1482, 29.2838



66.2535, 73.5354, 73.1581



36.3080, 40.6907, 28.4950



14.6101, 16.2884, 16.0802



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.4839, 37.1482, 29.2838



49.7263, 65.5736, 47.1654



31.0260, 37.7650, 37.4045



7.9280, 8.9487, 8.6457



11.0404, 21.9814, 3.9863



0.3148, 0.6146, 0.1515

Inverse Universe

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



33.3326, 28.9899, 42.3684



58.0412, 47.9446, 75.4312



31.5948, 28.2948, 33.2174



8.3108, 8.1376, 9.9473



17.3329, 8.3957, 25.1960



0.4897, 0.2366, 0.7405

Previews

White Background



This preview shows how the XYZ color 29.4829, 37.1466, 29.2830 looks on a white background.

Color Contrast Check

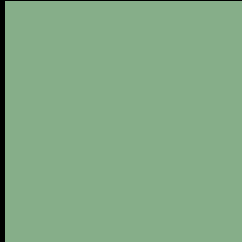
Large Text (above 18pt) WCAG AA × Fail

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 29.4829, 37.1466, 29.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

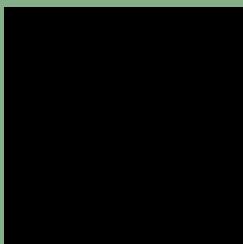
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

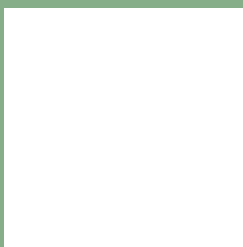
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4829, 37.1466, 29.2830

Background



This preview shows how black text looks on a background with the XYZ color 29.4829, 37.1466, 29.2830.



This preview shows how white text looks on a background with the XYZ color 29.4829, 37.1466,

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

29.4829, 37.1466, 29.2830

Protanopia

34.7176, 36.8590, 27.1145

Deuteranopia

37.5296, 36.6988, 29.9165



Tritanopia

33.4985, 37.0922, 49.1100

Trichromacy



Original Color

29.4829, 37.1466, 29.2830

Protanomaly

32.4199, 36.7296, 27.9351

Deuteranomaly

33.9058, 36.3833, 29.6617

Tritanomaly

31.8137, 36.9550, 41.0536

Monochromacy



Original Color

29.4829, 37.1466, 29.2830

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.1749, 35.1425, 33.9942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4829, 37.1466, 29.2830 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(134, 174, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 174, 137)  
}
```

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(134, 174, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 174, 137) }
```

Border

The CSS property to change the border of an element to XYZ 29.4829, 37.1466, 29.2830 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(134, 174, 137) }
```


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

```
.border{ border-color:rgb(134, 174, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 174, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 174, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 174, 137);  
box-shadow:4px 4px 4px 4px rgb(134, 174,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4829, 37.1466, 29.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 174, 137) }
```

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

```
.background{ background-color: rgb(134,  
174, 137) }
```

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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