

Converting Colors

XYZ(30.4903, 41.3187, 27.4874)

Have a look what the booklet for
XYZ(30.4903, 41.3187, 27.4874)
contains.

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Color

**XYZ(30.4903, 41.3187,
27.4874)**

Conversions

Conversions Part 1

Format	Color
Hex	80BA82
RGB	128, 186, 130
RGB Percent	50%, 73%, 51%
CMY	0.4980, 0.2706, 0.4902
CMYK	0.31, 0.00, 0.30, 0.27
HSL	122°, 30%, 62%
HSV	122°, 31%, 73%
XYZ	30.4903, 41.3187, 27.4874
YIQ	162.2740, -16.5920, -29.7120

Conversions

Conversions Part 2

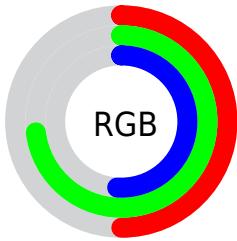
Format	Color
RYB	128, 184, 186
Decimal	8436354
CIELab	70.40, -30.13, 22.56
CIELCh	70, 37.641, 143.175
Yxy	41.3187, 0.3071, 0.4161
Android (android.graphics.Color)	4286626434 (0xFF80BA82)
YUV	162.2740, -15.9111, -30.0583
Hunter-Lab	64.2796, -27.8199, 19.6420

Details

The XYZ color **30.4903, 41.3187, 27.4874** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.6220, 29.3391, 49.0820**, and the grayscale version is **34.5499, 36.3492, 39.5843**.

A 20% lighter version of the original color is **59.5908, 76.8682, 56.4960**, and **12.6797, 18.6182, 10.5148** is the 20% darker color. If you saturate the color by 10%, you get **26.8428, 39.5669, 21.5642**, and if you desaturate by 10%, it is **34.8632, 43.4225, 34.5446**.

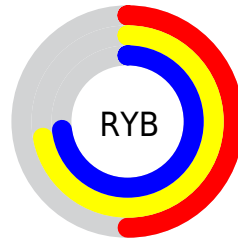
Distribution



Red (50%)

Green (73%)

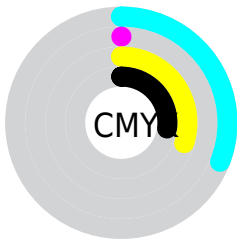
Blue (51%)



Red (50%)

Yellow (72%)

Blue (73%)

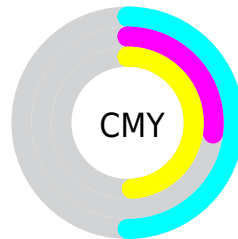


Cyan (31%)

Magenta (0%)

Yellow (30%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4903, 41.3187, 27.4874 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 30.4903, 41.3187, 27.4874 by changing the saturation by 10% instead.

■ 30.4903, 41.3187,
27.4874

■ 30.4903, 41.3187,
27.4874

296.0522,
351.6509, 303.8438

■ 20.3610, 28.5682,
17.7039

■ 59.8180, 77.1675,
56.6782

■ 12.7675, 18.7544,
10.5704

■ 79.7471, 101.0345,
76.9227

■ 7.3445, 11.4930,
5.6682

■ 103.6735,
129.3758, 101.4912

■ 3.7267, 6.3994,
2.5789

131.9625,
162.5759, 130.8023

■ 1.5487, 3.0895,
0.8815

164.9795,
201.0190, 165.2746

■ 0.3586, 1.1786,
0.0000

203.0899,

■ 0.0000, 0.0441,

245.0896, 205.3266

0.0000

246.6590,
295.1721, 251.3768

■ 0.0000, 0.0000,
0.0000

■ 30.4903, 41.3187,
27.4874

■ 30.4903, 41.3187,
27.4874

■ 26.8428, 39.5669,
21.5642

■ 34.8632, 43.4225,
34.5446

■ 23.8786, 38.1431,
16.7133

■ 39.9944, 45.8906,
42.7876

■ 21.5560, 37.0284,
12.8714


■ 45.9186, 48.7410,
52.2684


■ 19.8276, 36.1998,
9.9675


■ 52.6674, 51.9888,
63.0351

■ 18.6394, 35.6313,
7.9212

■ 60.2707, 55.6486,
75.1333

 17.9275, 35.2920,
6.6389

 68.7571, 59.7340,
88.6062

 17.5948, 35.1334,
6.0383

 76.8497, 63.5994,
102.8332

Harmonies

Analogous

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



34.7696, 41.3187, 20.3556



30.4903, 41.3187, 27.4874



28.5951, 41.3187, 41.0568

Triad

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



30.4903, 41.3187, 27.4874



37.8740, 41.3187, 88.0588



51.2683, 41.3187, 32.8578

Complementary

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



30.4903, 41.3187, 27.4874



36.6220, 29.3391, 49.0820

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.



52.3225, 41.3187, 49.1646



30.4903, 41.3187, 27.4874



44.1476, 41.3187, 84.1887

Square

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



30.4903, 41.3187, 27.4874



32.5584, 41.3187, 78.1832



49.5966, 41.3187, 68.6825



46.8508, 41.3187, 22.8388

Rectangle

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



30.4903, 41.3187, 27.4874



28.7810, 41.3187, 53.2189



49.5966, 41.3187, 68.6825



52.0456, 41.3187, 37.6546

Sweetspot

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



30.4914, 41.3204, 27.4883



74.5552, 84.1698, 80.8630



41.2401, 46.8770, 27.2971



16.0895, 18.3774, 17.2804



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.4914, 41.3204, 27.4883



50.8675, 72.7788, 42.6901



32.7144, 42.2097, 39.1948



8.9026, 10.0650, 9.6443



11.8425, 23.6379, 4.0925



0.4217, 0.8350, 0.1667

Inverse Universe

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



36.6220, 29.3391, 49.0820



63.6360, 47.8203, 87.6605



33.8922, 28.2471, 34.7067



9.3672, 9.1572, 11.2810



19.1433, 9.2311, 29.7052



0.6790, 0.3271, 1.0693

Previews

White Background



This preview shows how the XYZ color 30.4903, 41.3187, 27.4874 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 30.4903, 41.3187, 27.4874 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

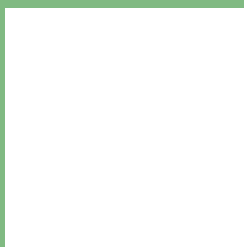
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4903, 41.3187, 27.4874

Background



This preview shows how black text looks on a background with the XYZ color 30.4903, 41.3187, 27.4874.



This preview shows how white text looks on a background with the XYZ color 30.4903, 41.3187,

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

30.4903, 41.3187, 27.4874

Protanopia

37.9682, 40.7714, 24.9373

Deuteranopia

41.6477, 40.9389, 28.6286



Tritanopia

36.2500, 41.2220, 55.9152

Trichromacy



Original Color

30.4903, 41.3187, 27.4874

Protanomaly

34.6011, 40.4495, 25.7225

Deuteranomaly

36.6328, 40.5793, 28.0921

Tritanomaly

33.8386, 41.1466, 43.6947

Monochromacy



Original Color

30.4903, 41.3187, 27.4874

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.6456, 37.8119, 34.4320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4903, 41.3187, 27.4874 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(128, 186, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 186, 130)  
}
```

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(128, 186, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 186, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.4903, 41.3187, 27.4874 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(128, 186, 130) }
```


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

```
.border{ border-color:rgb(128, 186, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 186, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 186, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 186, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 186,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4903, 41.3187, 27.4874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 186, 130) }
```

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

```
.background{ background-color: rgb(128,  
186, 130) }
```

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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