

Converting Colors

XYZ(34.5926, 43.3015, 28.5807)

Have a look what the booklet for
XYZ(34.5926, 43.3015, 28.5807)
contains.

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Color

**XYZ(34.7414, 43.4867,
28.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	98BA85
RGB	152, 186, 133
RGB Percent	60%, 73%, 52%
CMY	0.4039, 0.2706, 0.4784
CMYK	0.18, 0.00, 0.28, 0.27
HSL	98°, 28%, 63%
HSV	98°, 28%, 73%
XYZ	34.7414, 43.4867, 28.7530
YIQ	169.7920, -3.2510, -23.6910

Conversions

Conversions Part 2

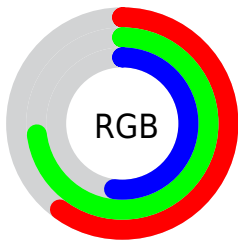
Format	Color
RYB	133, 186, 167
Decimal	10009221
CIELab	71.88, -21.31, 23.21
CIElCh	72, 31.512, 132.559
Yxy	43.4867, 0.3247, 0.4065
Android (android.graphics.Color)	4288199301 (0xFF98BA85)
YUV	169.7920, -18.1385, -15.6036
Hunter-Lab	65.9444, -21.3639, 20.3096

Details

The XYZ color **34.7414, 43.4867, 28.7530** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.1888, 28.5370, 50.2158**, and the grayscale version is **38.1945, 40.1835, 43.7599**.

A 20% lighter version of the original color is **66.3472, 80.3148, 58.4598**, and **15.2044, 20.1089, 11.2637** is the 20% darker color. If you saturate the color by 10%, you get **31.4465, 41.9250, 22.4745**, and if you desaturate by 10%, it is **38.4909, 45.2591, 36.2424**.

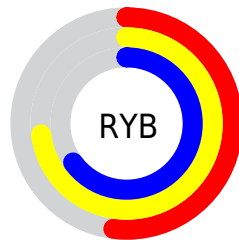
Distribution



Red (60%)

Green (73%)

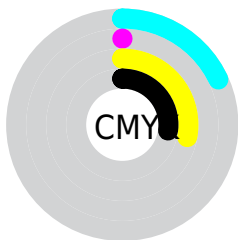
Blue (52%)



Red (52%)

Yellow (73%)

Blue (65%)

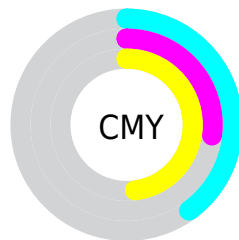


Cyan (18%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (40%)


Magenta (27%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.7414, 43.4867, 28.7530 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 34.7414, 43.4867, 28.7530 by changing the saturation by 10% instead.


 34.7414, 43.4867,
28.7530


 34.7414, 43.4867,
28.7530


314.9535,
360.6095, 310.0721


 23.6293, 30.2672,
18.6501


 66.4216, 80.4448,
58.7219

 15.1821, 20.0415,
11.2435


 87.7205, 104.9522,
79.4250

 9.0345, 12.4252,
6.1146


 113.1456,
133.9909, 104.4985

 4.8210, 7.0339,
2.8450

143.0625,
167.9455, 134.3611

 2.1763, 3.4833,
1.0160

177.8363,
207.2002, 169.4312

 0.7302, 1.3890,
0.0000

217.8325,

 0.0000, 0.2086,

252.1395, 210.1274

0.0000

263.4164,
303.1478, 256.8682

■ 0.0000, 0.0000,
0.0000

■ 34.7414, 43.4867,
28.7530

■ 34.7414, 43.4867,
28.7530

■ 31.4465, 41.9250,
22.4745

■ 38.4909, 45.2591,
36.2424

■ 28.5842, 40.5601,
17.3407

■ 42.7091, 47.2442,
44.9988

■ 26.1356, 39.3851,
13.2829

■ 47.4135, 49.4512,
55.0782

■ 24.0789, 38.3904,
10.2245

■ 52.6199, 51.8871,
66.5323

■ 22.3899, 37.5654,
8.0782

■ 58.3431, 54.5584,
79.4101

■ 21.0411, 36.8983,
6.7421

■ 64.5974, 57.4715,
93.7583

■ 19.9918, 36.3716,
6.0471

■ 70.0470, 60.0926,
102.5149

■ 19.8522, 36.3014,
5.9606

■ 74.1321, 62.1986,
102.7061

■ 76.8498, 63.5997,
102.8333

Harmonies

Analogous

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



39.1302, 43.4867, 23.9721



34.7414, 43.4867, 28.7530



32.2523, 43.4867, 39.0358

Triad

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



34.7414, 43.4867, 28.7530



38.3176, 43.4867, 81.4945



52.2406, 43.4867, 41.2121

Complementary

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



34.7414, 43.4867, 28.7530



33.1888, 28.5370, 50.2158

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.



51.9753, 43.4867, 56.7672



34.7414, 43.4867, 28.7530



43.6166, 43.4867, 82.4334

Square

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



34.7414, 43.4867, 28.7530



34.1910, 43.4867, 70.2722



48.7093, 43.4867, 72.6127



49.4057, 43.4867, 30.0479

Rectangle

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



34.7414, 43.4867, 28.7530



31.8607, 43.4867, 48.6809



48.7093, 43.4867, 72.6127



52.5176, 43.4867, 46.0428

Sweetspot

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



34.7425, 43.4886, 28.7539



76.8825, 85.3812, 80.4494



38.2246, 39.6133, 27.8224



16.6741, 18.6817, 17.1771



90.7827, 95.5105, 104.0109



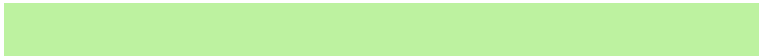
18.6292, 19.5994, 21.3438

Same Dimension

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



34.7425, 43.4886, 28.7539



59.2494, 77.0583, 44.9560



31.9717, 42.0018, 31.2596



9.1861, 10.2126, 9.5940



13.4304, 24.4599, 4.0134



0.5423, 0.8978, 0.1447

Inverse Universe

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



33.1888, 28.5370, 50.2158



55.9768, 45.6329, 90.0591



36.7689, 30.4673, 46.5575



9.0602, 8.9974, 11.3386



11.1955, 5.0827, 31.6441



0.4596, 0.2126, 1.1186

Previews

White Background



This preview shows how the XYZ color 34.7414, 43.4867, 28.7530 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 34.7414, 43.4867, 28.7530 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 34.7414, 43.4867, 28.7530

Background



This preview shows how black text looks on a background with the XYZ color 34.7414, 43.4867, 28.7530.



This preview shows how white text looks on a background with the XYZ color 34.7414, 43.4867,

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

34.7414, 43.4867, 28.7530

Protanopia

40.4079, 43.4280, 26.6748

Deuteranopia

44.1569, 43.3039, 29.6981



Tritanopia

40.2440, 43.2681, 56.6826

Trichromacy



Original Color

34.7414, 43.4867, 28.7530

Protanomaly

38.2550, 43.4843, 27.4962

Deuteranomaly

40.0236, 42.8766, 29.4591

Tritanomaly

37.9751, 43.2571, 44.8760

Monochromacy



Original Color

34.7414, 43.4867, 28.7530

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

36.7154, 41.2715, 37.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7414, 43.4867, 28.7530 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(152, 186, 133)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 133)  
}
```

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(152, 186, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 133) }
```

Border

The CSS property to change the border of an element to XYZ 34.7414, 43.4867, 28.7530 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(152, 186, 133) }
```


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

```
.border{ border-color:rgb(152, 186, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 186, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 133);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7414, 43.4867, 28.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 133) }
```

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

```
.background{ background-color: rgb(152,  
186, 133) }
```

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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