

Converting Colors

XYZ(34.9032, 43.6088, 29.1422)

Have a look what the booklet for
XYZ(34.9032, 43.6088, 29.1422)
contains.

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Color

**XYZ(34.8109, 43.5144,
29.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	98BA86
RGB	152, 186, 134
RGB Percent	60%, 73%, 53%
CMY	0.4039, 0.2706, 0.4745
CMYK	0.18, 0.00, 0.28, 0.27
HSL	99°, 27%, 63%
HSV	99°, 28%, 73%
XYZ	34.8109, 43.5144, 29.1187
YIQ	169.9060, -3.5720, -23.3800

Conversions

Conversions Part 2

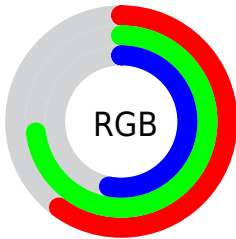
Format	Color
RYB	134, 186, 168
Decimal	10009222
CIELab	71.90, -21.16, 22.70
CIELCh	72, 31.031, 132.981
Yxy	43.5144, 0.3240, 0.4050
Android (android.graphics.Color)	4288199302 (0xFF98BA86)
YUV	169.9060, -17.7017, -15.7036
Hunter-Lab	65.9654, -21.2426, 20.0038

Details

The XYZ color **34.8109, 43.5144, 29.1187** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5382, 28.9214, 50.2714**, and the grayscale version is **38.2493, 40.2412, 43.8227**.

A 20% lighter version of the original color is **66.4539, 80.3575, 59.0218**, and **15.2433, 20.1245, 11.4685** is the 20% darker color. If you saturate the color by 10%, you get **31.4654, 41.9280, 22.7756**, and if you desaturate by 10%, it is **38.6203, 45.3162, 36.6765**.

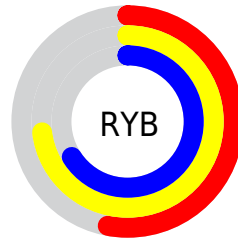
Distribution



Red (60%)

Green (73%)

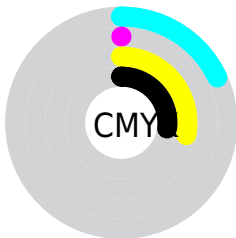
Blue (53%)



Red (53%)

Yellow (73%)

Blue (66%)

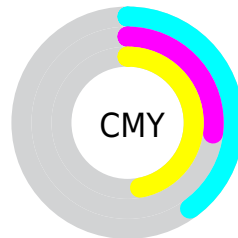


Cyan (18%)

Magenta (0%)

Yellow (28%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8109, 43.5144, 29.1187 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 34.8109, 43.5144, 29.1187 by changing the saturation by 10% instead.

■ 34.8109, 43.5144,
29.1187

■ 34.8109, 43.5144,
29.1187

315.2555,
360.7230, 311.8530

■ 23.6831, 30.2889,
18.9243

■ 66.5287, 80.4865,
59.3101

■ 15.2222, 20.0580,
11.4393

■ 87.8493, 105.0020,
80.1441

■ 9.0628, 12.4372,
6.2453

■ 113.2983,
134.0496, 105.3617

■ 4.8396, 7.0422,
2.9236

143.2410,
168.0136, 135.3815

■ 2.1872, 3.4885,
1.0558

178.0427,
207.2786, 170.6220

■ 0.7360, 1.3918,
0.0000

218.0688,

■ 0.0000, 0.2106,

252.2289, 211.5017

0.0000

263.6846,
303.2489, 258.4392

■ 0.0000, 0.0000,
0.0000

■ 34.8109, 43.5144,
29.1187

■ 34.8109, 43.5144,
29.1187

■ 31.4654, 41.9280,
22.7756

■ 38.6203, 45.3162,
36.6765

■ 28.5616, 40.5430,
17.5809

■ 42.9080, 47.3356,
45.5047

■ 26.0801, 39.3522,
13.4667

■ 47.6920, 49.5821,
55.6591

■ 23.9987, 38.3459,
10.3564

■ 52.9882, 52.0626,
67.1914

■ 22.2930, 37.5134,
8.1637

■ 58.8118, 54.7840,
80.1505

■ 20.9351, 36.8424,
6.7873

■ 65.1773, 57.7527,
94.5829

■ 19.8860, 36.3163,
6.0707

■ 70.5809, 60.3678,
102.5399

■ 19.6989, 36.2223,
5.9534

■ 74.7838, 62.5345,
102.7366

■ 76.8498, 63.5995,
102.8333

Harmonies

Analogous

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



39.1183, 43.5144, 24.3026



34.8109, 43.5144, 29.1187



32.3834, 43.5144, 39.3619

Triad

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



34.8109, 43.5144, 29.1187



38.4556, 43.5144, 81.0118



52.0725, 43.5144, 41.1387

Complementary

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



34.8109, 43.5144, 29.1187



33.5382, 28.9214, 50.2714

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.



51.8567, 43.5144, 56.4186



34.8109, 43.5144, 29.1187



43.6840, 43.5144, 81.7731

Square

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



34.8109, 43.5144, 29.1187



34.3615, 43.5144, 70.1190



48.6810, 43.5144, 72.0192



49.2477, 43.5144, 30.1796

Rectangle

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



34.8109, 43.5144, 29.1187



32.0184, 43.5144, 48.9093



48.6810, 43.5144, 72.0192



52.3598, 43.5144, 45.8825

Sweetspot

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



34.8120, 43.5163, 29.1196



77.6261, 85.7271, 82.1758



38.5202, 40.0936, 28.2636



16.8231, 18.7508, 17.5302



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.



34.8120, 43.5163, 29.1196



58.9977, 76.9286, 44.9442



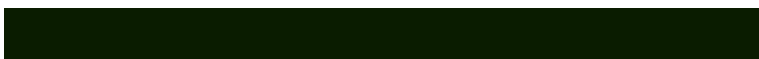
32.2592, 42.1351, 31.9460



9.1757, 10.2072, 9.5935



13.3258, 24.4060, 4.0085



0.5380, 0.8955, 0.1445

Inverse Universe

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



33.5382, 28.9214, 50.2714



56.2717, 45.7849, 90.0729



36.8324, 30.7129, 46.2137



9.0710, 9.0030, 11.3391



11.4095, 5.1930, 31.6541



0.4661, 0.2160, 1.1189

Previews

White Background



This preview shows how the XYZ color 34.8109, 43.5144, 29.1187 looks on a white background.

Color Contrast Check

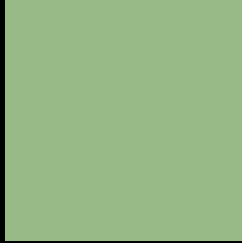
Large Text (above 18pt) WCAG AA × Fail

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 34.8109, 43.5144, 29.1187 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 34.8109, 43.5144, 29.1187

Background



This preview shows how black text looks on a background with the XYZ color 34.8109, 43.5144, 29.1187.



This preview shows how white text looks on a background with the XYZ color 34.8109, 43.5144,

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

34.8109, 43.5144, 29.1187

Protanopia

40.4740, 43.4545, 27.0232

Deuteranopia

44.2290, 43.3327, 30.0777



Tritanopia

40.2440, 43.2681, 56.6826

Trichromacy



Original Color

34.8109, 43.5144, 29.1187

Protanomaly

38.3225, 43.5113, 27.8514

Deuteranomaly

40.0950, 42.9052, 29.8352

Tritanomaly

38.0708, 43.2954, 45.3800

Monochromacy



Original Color

34.8109, 43.5144, 29.1187

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 34.8109, 43.5144, 29.1187 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.8109, 43.5144, 29.1187 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, 134) }
```


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

```
.border{ border-color:rgb(152, 186, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 134);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8109, 43.5144, 29.1187 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, 134) }
```

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

```
.background{ background-color: rgb(152,  
186, 134) }
```

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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