

Converting Colors

XYZ(34.1137, 47.3739, 29.9345)

Have a look what the booklet for
XYZ(34.1137, 47.3739, 29.9345)
contains.

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Color

**XYZ(34.0866, 47.3934,
29.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	83C786
RGB	131, 199, 134
RGB Percent	51%, 78%, 53%
CMY	0.4863, 0.2196, 0.4745
CMYK	0.34, 0.00, 0.33, 0.22
HSL	123°, 38%, 65%
HSV	123°, 34%, 78%
XYZ	34.0866, 47.3934, 29.9055
YIQ	171.2580, -19.6630, -34.6310

Conversions

Conversions Part 2

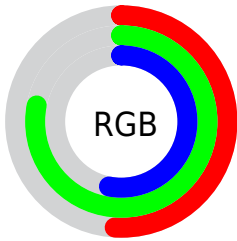
Format	Color
RYB	131, 196, 199
Decimal	8636294
CIELab	74.44, -34.59, 25.93
CIElCh	74, 43.231, 143.149
Yxy	47.3934, 0.3060, 0.4255
Android (android.graphics.Color)	4286826374 (0xFF83C786)
YUV	171.2580, -18.3682, -35.3063
Hunter-Lab	68.8429, -32.0932, 22.4343

Details

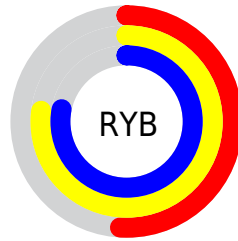
The XYZ color **34.0866, 47.3934, 29.9055** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.6349, 32.3613, 56.2785**, and the grayscale version is **38.9360, 40.9637, 44.6095**.

A 20% lighter version of the original color is **65.0868, 85.5899, 60.6670**, and **14.8675, 22.5106, 11.9489** is the 20% darker color. If you saturate the color by 10%, you get **30.0859, 45.4721, 23.4048**, and if you desaturate by 10%, it is **38.9204, 49.7193, 37.6929**.

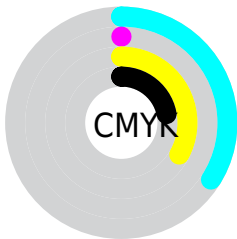
Distribution



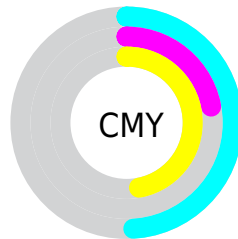
- Red (51%)
- Green (78%)
- Blue (53%)



- Red (51%)
- Yellow (77%)
- Blue (78%)



- Cyan (34%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)





- Cyan (49%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.0866, 47.3934, 29.9055 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 34.0866, 47.3934, 29.9055 by changing the saturation by 10% instead.


 34.0866, 47.3934,
29.9055


 34.0866, 47.3934,
29.9055


312.0971,
376.3826, 315.6573


 23.1233, 33.3468,
19.5154


 65.4117, 86.3005,
60.5719

 14.8058, 22.3922,
11.8627


 86.5043, 111.9298,
81.6854

 8.7686, 14.1454,
6.5289


 111.7040,
142.1888, 107.2104

 4.6465, 8.2218,
3.0953

141.3762,
177.4619, 137.5654

 2.0740, 4.2372,
1.1435

175.8863,
218.1334, 173.1691

 0.6750, 1.8071,
0.0000

215.5995,

 0.0000, 0.4916,

264.5877, 214.4400

0.0000

260.8814,
317.2094, 261.7965

■ 0.0000, 0.0000,
0.0000

■ 34.0866, 47.3934,
29.9055

■ 34.0866, 47.3934,
29.9055

■ 30.0859, 45.4721,
23.4048

■ 38.9204, 49.7193,
37.6929

■ 26.8679, 43.9268,
18.1187

■ 44.6267, 52.4648,
46.8277

■ 24.3822, 42.7346,
13.9727


■ 51.2470, 55.6512,
57.3706


■ 22.5713, 41.8676,
10.8830


■ 58.8189, 59.2967,
69.3775


■ 21.3690, 41.2936,
8.7542

■ 67.3779, 63.4186,
82.9015

 20.6955, 40.9741,
7.4737

 76.9578, 68.0331,
97.9928

 20.4725, 40.8680,
7.0615

 79.7144, 69.3287,
103.7881

Harmonies

Analogous

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



39.4076, 47.3934, 21.3445



34.0866, 47.3934, 29.9055



31.7448, 47.3934, 46.6510

Triad

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



34.0866, 47.3934, 29.9055



43.2819, 47.3934, 107.0230



60.2786, 47.3934, 36.5026

Complementary

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



34.0866, 47.3934, 29.9055



41.6349, 32.3613, 56.2785

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.



61.6238, 47.3934, 56.8943



34.0866, 47.3934, 29.9055



51.1981, 47.3934, 101.9827

Square

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



34.0866, 47.3934, 29.9055



36.6427, 47.3934, 94.1306



58.1338, 47.3934, 81.8611



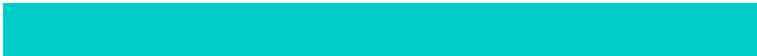
54.6449, 47.3934, 24.3147

Rectangle

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



34.0866, 47.3934, 29.9055



31.9717, 47.3934, 61.9958



58.1338, 47.3934, 81.8611



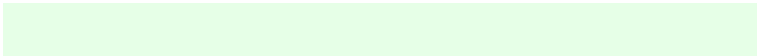
61.2722, 47.3934, 42.4425

Sweetspot

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



34.0878, 47.3954, 29.9066



82.6038, 94.0088, 89.1159



47.4784, 54.3223, 29.4560



17.3353, 19.9555, 18.5241



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.0878, 47.3954, 29.9066



54.3424, 80.4155, 43.6959



36.7846, 48.4741, 44.1076



10.5161, 11.8953, 11.4021



13.1722, 26.2812, 4.5853



0.6305, 1.2471, 0.2527

Inverse Universe

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



41.6349, 32.3613, 56.2785



69.5343, 50.1430, 96.7743



38.2579, 31.0105, 38.4956



11.0621, 10.8082, 13.3103



21.1459, 10.2079, 32.3077



1.0077, 0.4859, 1.5635

Previews

White Background



This preview shows how the XYZ color 34.0866, 47.3934, 29.9055 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 34.0866, 47.3934, 29.9055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

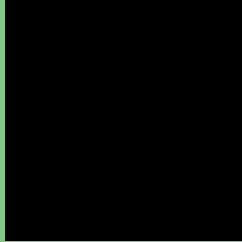
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0866, 47.3934, 29.9055

Background



This preview shows how black text looks on a background with the XYZ color 34.0866, 47.3934, 29.9055.



This preview shows how white text looks on a background with the XYZ color 34.0866, 47.3934,

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

34.0866, 47.3934, 29.9055

Protanopia

43.5847, 46.8585, 26.8261

Deuteranopia

47.7217, 46.8202, 30.9481



Tritanopia

41.1100, 47.2544, 64.7119

Trichromacy



Original Color

34.0866, 47.3934, 29.9055

Protanomaly

39.2461, 46.4624, 28.0187

Deuteranomaly

41.4230, 46.2775, 30.4161

Tritanomaly

38.0219, 46.9701, 49.7100

Monochromacy



Original Color

34.0866, 47.3934, 29.9055

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.4057, 42.5843, 38.6486

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0866, 47.3934, 29.9055 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(131, 199, 134)` looks like.

```
.text, #text, p{  
    color:rgb(131, 199, 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(131, 199, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 199, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.0866, 47.3934, 29.9055 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(131, 199, 134) }
```


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

```
.border{ border-color:rgb(131, 199, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 199, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 199, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 199, 134);  
box-shadow:4px 4px 4px 4px rgb(131, 199,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0866, 47.3934, 29.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 199, 134) }
```

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

```
.background{ background-color: rgb(131,  
199, 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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