

Converting Colors

XYZ(35.0251, 47.3677, 31.4321)

Have a look what the booklet for
XYZ(35.0251, 47.3677, 31.4321)
contains.

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Color

**XYZ(35.0981, 47.5415,
31.3713)**

Conversions

Conversions Part 1

Format	Color
Hex	89C68A
RGB	137, 198, 138
RGB Percent	54%, 78%, 54%
CMY	0.4627, 0.2235, 0.4588
CMYK	0.31, 0.00, 0.30, 0.22
HSL	121°, 35%, 66%
HSV	121°, 31%, 78%
XYZ	35.0981, 47.5415, 31.3713
YIQ	172.9210, -17.0960, -31.5920

Conversions

Conversions Part 2

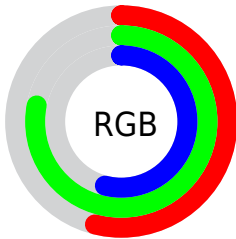
Format	Color
RYB	137, 197, 198
Decimal	9029258
CIELab	74.53, -31.52, 24.00
CIELCh	75, 39.616, 142.714
Yxy	47.5415, 0.3078, 0.4170
Android (android.graphics.Color)	4287219338 (0xFF89C68A)
YUV	172.9210, -17.2161, -31.5027
Hunter-Lab	68.9503, -29.8005, 21.2892

Details

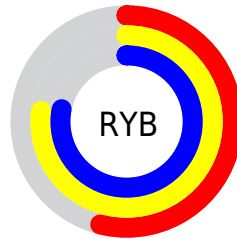
The XYZ color **35.0981, 47.5415, 31.3713** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.3141, 33.9294, 57.1443**, and the grayscale version is **39.7725, 41.8438, 45.5678**.

A 20% lighter version of the original color is **67.0127, 86.5322, 63.0396**, and **15.4810, 22.5824, 12.7754** is the 20% darker color. If you saturate the color by 10%, you get **30.8595, 45.5064, 24.4611**, and if you desaturate by 10%, it is **40.1876, 49.9888, 39.6432**.

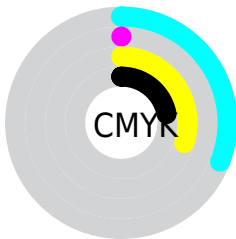
Distribution



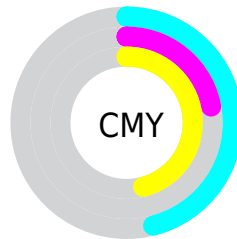
- Red (54%)
- Green (78%)
- Blue (54%)



- Red (54%)
- Yellow (77%)
- Blue (78%)



- Cyan (31%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0981, 47.5415, 31.3713 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 35.0981, 47.5415, 31.3713 by changing the saturation by 10% instead.

■ 35.0981, 47.5415,
31.3713

■ 35.0981, 47.5415,
31.3713

316.5016,
376.9719, 322.6493

■ 23.9053, 33.4639,
20.6209

■ 66.9707, 86.5214,
62.9106

■ 15.3878, 22.4821,
12.6587

■ 88.3813, 112.1924,
84.5366

■ 9.1801, 14.2116,
7.0660

■ 113.9285,
142.4968, 110.6248

■ 4.9169, 8.2680,
3.4243

143.9777,
177.8189, 141.5939

■ 2.2328, 4.2669,
1.3152

178.8943,
218.5430, 177.8624

■ 0.7600, 1.8239,
0.0742

219.0435,

■ 0.0000, 0.5020,

265.0536, 219.8487

0.0000

264.7908,
317.7351, 267.9715

■ 0.0000, 0.0000,
0.0000

■ 35.0981, 47.5415,
31.3713

■ 35.0981, 47.5415,
31.3713

■ 30.8595, 45.5064,
24.4611

■ 40.1876, 49.9888,
39.6432

■ 27.4221, 43.8553,
18.8367

■ 46.1671, 52.8629,
49.3408

■ 24.7365, 42.5658,
14.4196


■ 53.0775, 56.1849,
60.5281


■ 22.7465, 41.6108,
11.1216


■ 60.9562, 59.9728,
73.2642

■ 21.3880, 40.9595,
8.8423

■ 69.8386, 64.2436,
87.6049

 20.5849, 40.5752,
7.4635

 79.4618, 68.8607,
103.5895

 20.2128, 40.3971,
6.8254

 79.4850, 68.8700,
103.7117

Harmonies

Analogous

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



40.0785, 47.5415, 23.2557



35.0981, 47.5415, 31.3713



32.8645, 47.5415, 46.9254

Triad

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



35.0981, 47.5415, 31.3713



43.4638, 47.5415, 101.5271



59.1072, 47.5415, 37.9887

Complementary

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



35.0981, 47.5415, 31.3713



42.3141, 33.9294, 57.1443

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.



60.2582, 47.5415, 56.9256



35.0981, 47.5415, 31.3713



50.7117, 47.5415, 97.2964

Square

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



35.0981, 47.5415, 31.3713



37.3521, 47.5415, 89.8805



57.0442, 47.5415, 79.4997



54.0468, 47.5415, 26.3126

Rectangle

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



35.0981, 47.5415, 31.3713



33.0479, 47.5415, 60.9324



57.0442, 47.5415, 79.4997



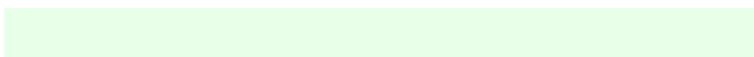
59.9845, 47.5415, 43.5659

Sweetspot

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



35.0993, 47.5435, 31.3724



83.6811, 94.5346, 90.4984



48.0002, 54.2025, 31.5997



17.5459, 20.0587, 18.7786



0.0000, 0.0000, 0.0000



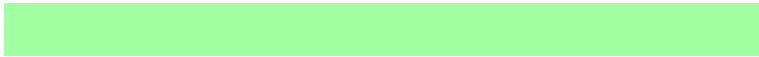
20.3446, 21.4041, 23.3091

Same Dimension

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



35.0993, 47.5435, 31.3724



56.9267, 81.6764, 47.0393



37.5334, 48.5171, 44.1899



10.5044, 11.8907, 11.3404



13.1474, 26.2713, 4.4548



0.6250, 1.2450, 0.2242

Inverse Universe

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



42.3141, 33.9294, 57.1443



71.7256, 53.7483, 99.9011



39.2572, 32.7067, 41.0473



11.0753, 10.8135, 13.3799



21.5363, 10.3641, 34.3636



1.0222, 0.4917, 1.6401

Previews

White Background



This preview shows how the XYZ color 35.0981, 47.5415, 31.3713 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 35.0981, 47.5415, 31.3713 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 35.0981, 47.5415, 31.3713

Background



This preview shows how black text looks on a background with the XYZ color 35.0981, 47.5415, 31.3713.

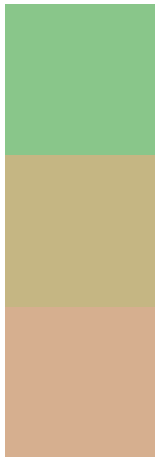


This preview shows how white text looks on a background with the XYZ color 35.0981, 47.5415,

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

35.0981, 47.5415, 31.3713

Protanopia

43.8506, 46.9649, 28.2267

Deuteranopia

48.0195, 46.9393, 32.5159



Tritanopia

41.8273, 47.6243, 64.7455

Trichromacy



Original Color

35.0981, 47.5415, 31.3713

Protanomaly

39.9655, 46.8016, 29.4815

Deuteranomaly

41.9909, 46.2292, 31.9093

Tritanomaly

39.0875, 47.4959, 50.8236

Monochromacy



Original Color

35.0981, 47.5415, 31.3713

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

37.5703, 43.4675, 39.6676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0981, 47.5415, 31.3713 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(137, 198, 138)` looks like.

```
.text, #text, p{  
    color:rgb(137, 198, 138)  
}
```

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(137, 198, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 198, 138) }
```

Border

The CSS property to change the border of an element to XYZ 35.0981, 47.5415, 31.3713 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(137, 198, 138) }
```


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

```
.border{ border-color:rgb(137, 198, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 198, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 198, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 198, 138);  
box-shadow:4px 4px 4px 4px rgb(137, 198,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0981, 47.5415, 31.3713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 198, 138) }
```

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

```
.background{ background-color: rgb(137,  
198, 138) }
```

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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