

Converting Colors

XYZ(31.8986, 43.5798, 30.3974)

Have a look what the booklet for
XYZ(31.8986, 43.5798, 30.3974)
contains.

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Color

**XYZ(31.8986, 43.5798,
30.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	7FBF89
RGB	127, 191, 137
RGB Percent	50%, 75%, 54%
CMY	0.5020, 0.2510, 0.4627
CMYK	0.34, 0.00, 0.28, 0.25
HSL	129°, 33%, 62%
HSV	129°, 34%, 75%
XYZ	31.8986, 43.5798, 30.3974
YIQ	165.7080, -20.8100, -30.3620

Conversions

Conversions Part 2

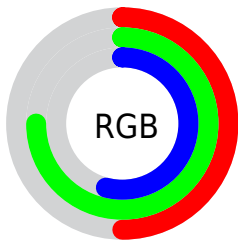
Format	Color
RYB	127, 182, 191
Decimal	8372105
CIELab	71.95, -31.61, 20.92
CIELCh	72, 37.907, 146.507
Yxy	43.5798, 0.3013, 0.4116
Android (android.graphics.Color)	4286562185 (0xFF7FBF89)
YUV	165.7080, -14.1530, -33.9469
Hunter-Lab	66.0150, -29.2746, 18.9097

Details

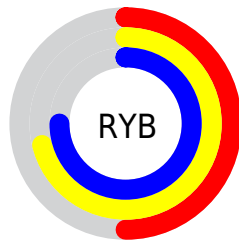
The XYZ color **31.8986, 43.5798, 30.3974** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **37.4172, 29.5923, 47.4578**, and the grayscale version is **36.1788, 38.0629, 41.4506**.

A 20% lighter version of the original color is **62.2628, 80.8415, 61.6126**, and **13.5676, 20.0753, 12.1767** is the 20% darker color. If you saturate the color by 10%, you get **28.2481, 41.8229, 24.6363**, and if you desaturate by 10%, it is **36.2633, 45.6874, 37.0953**.

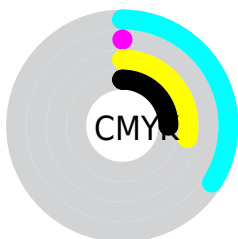
Distribution



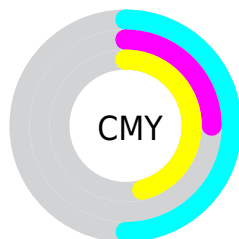
- Red (50%)
- Green (75%)
- Blue (54%)



- Red (50%)
- Yellow (71%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (28%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.8986, 43.5798, 30.3974 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 31.8986, 43.5798, 30.3974 by changing the saturation by 10% instead.


 31.8986, 43.5798,
30.3974


 31.8986, 43.5798,
30.3974


302.4106,
360.9908, 318.0172


 21.4392, 30.3403,
19.8858


 62.0184, 80.5851,
61.3585

 13.5597, 20.0970,
12.1288


 82.4095, 105.1196,
82.6451

 7.8947, 12.4656,
6.7079

 106.8419,
134.1880, 108.3604

 4.0789, 7.0616,
3.2044

135.6809,
168.1746, 138.9230

 1.7469, 3.5007,
1.1999

169.2919,
207.4637, 174.7515

 0.4853, 1.3984,
0.0000

208.0403,

 0.0000, 0.2155,

252.4399, 216.2643

0.0000

252.2914,
303.4875, 263.8801

0.0000, 0.0000,
0.0000

31.8986, 43.5798,
30.3974

31.8986, 43.5798,
30.3974

28.2481, 41.8229,
24.6363

36.2633, 45.6874,
37.0953

25.2703, 40.3925,
19.7673

41.3742, 48.1577,
44.7660

22.9245, 39.2697,
15.7467


47.2653, 51.0086,
53.4472


21.1641, 38.4317,
12.5259


53.9676, 54.2555,
63.1739

19.9361, 37.8521,
10.0512


61.5105, 57.9126,
73.9793

 19.1771, 37.4997,
8.2623

 69.9216, 61.9936,
85.8950

 18.8640, 37.3562,
7.4341

 77.0977, 65.4137,
98.8519

 77.9216, 65.7433,
103.1905

Harmonies

Analogous

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



36.1192, 43.5798, 22.1978



31.8986, 43.5798, 30.3974



30.2150, 43.5798, 45.3159

Triad

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



31.8986, 43.5798, 30.3974



40.6689, 43.5798, 92.5733



53.5659, 43.5798, 33.2740

Complementary

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



31.8986, 43.5798, 30.3974



37.4172, 29.5923, 47.4578

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.



55.1035, 43.5798, 49.6521



31.8986, 43.5798, 30.3974



47.2185, 43.5798, 86.9532

Square

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



31.8986, 43.5798, 30.3974



34.9356, 43.5798, 83.7470



52.6724, 43.5798, 69.9229



48.6637, 43.5798, 23.5300

Rectangle

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



31.8986, 43.5798, 30.3974



30.6131, 43.5798, 58.2981



52.6724, 43.5798, 69.9229



54.5140, 43.5798, 38.0404

Sweetspot

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



31.8997, 43.5816, 30.3984



77.4742, 87.8801, 85.1764



41.6133, 48.6683, 27.2798



16.6935, 19.1433, 18.2318



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.8997, 43.5816, 30.3984



52.3440, 75.7456, 46.9216



34.5085, 44.6251, 44.1357



9.4679, 10.6733, 10.4477



12.4162, 24.5568, 4.9885



0.5058, 0.9697, 0.2978

Inverse Universe

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



37.4172, 29.5923, 47.4578



63.6856, 46.9665, 81.9714



34.5334, 28.4388, 32.2716



9.8642, 9.6700, 11.6737



18.3814, 8.9837, 23.0996



0.7375, 0.3589, 0.9971

Previews

White Background



This preview shows how the XYZ color 31.8986, 43.5798, 30.3974 looks on a white background.

Color Contrast Check

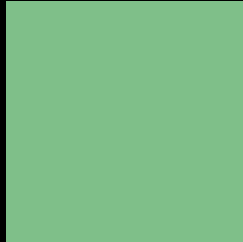
Large Text (above 18pt) WCAG AA × Fail

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 31.8986, 43.5798, 30.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

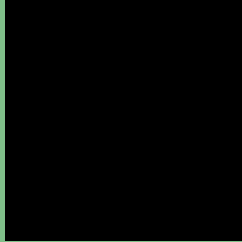
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.8986, 43.5798, 30.3974

Background



This preview shows how black text looks on a background with the XYZ color 31.8986, 43.5798, 30.3974.



This preview shows how white text looks on a background with the XYZ color 31.8986, 43.5798,

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

31.8986, 43.5798, 30.3974

Protanopia

40.0983, 42.9630, 27.2984

Deuteranopia

43.9723, 43.1663, 31.6055



Tritanopia

37.7740, 43.4332, 59.8186

Trichromacy



Original Color

31.8986, 43.5798, 30.3974

Protanomaly

36.4834, 42.8482, 28.5379

Deuteranomaly

38.3603, 42.5678, 31.0056

Tritanomaly

35.3871, 43.4033, 47.5869

Monochromacy



Original Color

31.8986, 43.5798, 30.3974

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.1953, 39.7019, 36.8713

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8986, 43.5798, 30.3974 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(127, 191, 137)` looks like.

```
.text, #text, p{  
    color:rgb(127, 191, 137)  
}
```

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(127, 191, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 191, 137) }
```

Border

The CSS property to change the border of an element to XYZ 31.8986, 43.5798, 30.3974 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(127, 191, 137) }
```


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

```
.border{ border-color:rgb(127, 191, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 191, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 191, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 191, 137);  
box-shadow:4px 4px 4px 4px rgb(127, 191,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8986, 43.5798, 30.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 191, 137) }
```

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

```
.background{ background-color: rgb(127,  
191, 137) }
```

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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