

Converting Colors

XYZ(31.0209, 38.6188, 34.7716)

Have a look what the booklet for
XYZ(31.0209, 38.6188, 34.7716)
contains.

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Color

**XYZ(31.0587, 38.7146,
34.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	86B196
RGB	134, 177, 150
RGB Percent	53%, 69%, 59%
CMY	0.4745, 0.3059, 0.4118
CMYK	0.24, 0.00, 0.15, 0.31
HSL	142°, 22%, 61%
HSV	142°, 24%, 69%
XYZ	31.0587, 38.7146, 34.6899
YIQ	161.0650, -16.9610, -17.5130

Conversions

Conversions Part 2

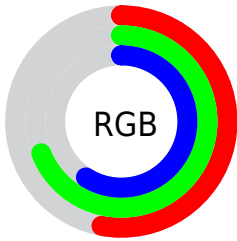
Format	Color
RYB	134, 165, 177
Decimal	8827286
CIELab	68.54, -20.02, 9.17
CIELCh	69, 22.022, 155.399
Yxy	38.7146, 0.2973, 0.3706
Android (android.graphics.Color)	4287017366 (0xFF86B196)
YUV	161.0650, -5.4550, -23.7360
Hunter-Lab	62.2211, -19.7855, 10.4990

Details

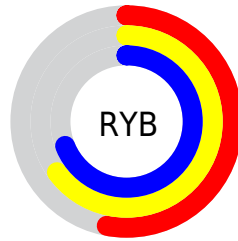
The XYZ color **31.0587, 38.7146, 34.6899** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.0909, 28.9715, 37.5679**, and the grayscale version is **33.9375, 35.7049, 38.8827**.

A 20% lighter version of the original color is **60.7770, 73.3288, 68.0773**, and **13.0271, 17.1552, 14.4291** is the 20% darker color. If you saturate the color by 10%, you get **27.6174, 37.0402, 30.0767**, and if you desaturate by 10%, it is **35.0593, 40.6697, 39.7741**.

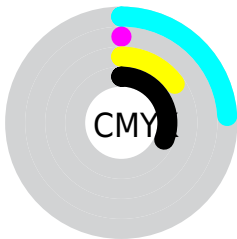
Distribution



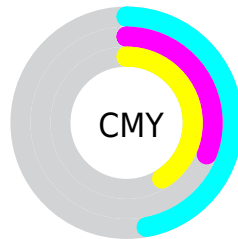
- Red (53%)
- Green (69%)
- Blue (59%)



- Red (53%)
- Yellow (65%)
- Blue (69%)



- Cyan (24%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0587, 38.7146, 34.6899 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 31.0587, 38.7146, 34.6899 by changing the saturation by 10% instead.

■ 31.0587, 38.7146,
34.6899

■ 31.0587, 38.7146,
34.6899

298.6307,
340.6756, 338.0600

■ 20.7956, 26.5378,
23.1425

■ 60.7077, 73.2021,
68.1512

■ 13.0863, 17.2264,
14.4924

■ 80.8243, 96.2816,
90.9022

■ 7.5654, 10.3960,
8.3213

■ 104.9561,
123.7641, 118.2247

■ 3.8676, 5.6623,
4.2105

133.4685,
156.0340, 150.5373

■ 1.6275, 2.6409,
1.7415

166.7268,
193.4757, 188.2587

■ 0.4102, 0.9472,
0.3890

205.0963,

■ 0.0000, 0.0000,

236.4736, 231.8072

0.0000

248.9425,
285.4121, 281.6015

■ 31.0587, 38.7146,
34.6899

■ 31.0587, 38.7146,
34.6899

■ 27.6174, 37.0402,
30.0767

■ 35.0593, 40.6697,
39.7741

■ 24.7063, 35.6285,
25.9185

■ 39.6400, 42.9127,
45.3396

■ 22.2985, 34.4670,
22.2019

■ 44.8247, 45.4567,
51.3998

■ 20.3634, 33.5402,
18.9122

■ 50.6347, 48.3126,
57.9665

■ 18.8669, 32.8309,
16.0335

■ 57.0903, 51.4905,
65.0512

■ 17.7698, 32.3192,
13.5491

■ 64.2111, 55.0002,
72.6652

■ 17.0255, 31.9814,
11.4408

■ 70.9391, 58.2962,
80.7689

■ 16.7021, 31.8374,
10.3974

■ 72.5307, 58.9328,
89.1499

■ 74.2232, 59.6098,
98.0627

Harmonies

Analogous

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



33.0664, 38.7146, 28.4192



31.0587, 38.7146, 34.6899



30.5472, 38.7146, 43.9770

Triad

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



31.0587, 38.7146, 34.6899



37.4284, 38.7146, 64.1786



42.5071, 38.7146, 32.0267

Complementary

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



31.0587, 38.7146, 34.6899



33.0909, 28.9715, 37.5679

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.



43.8461, 38.7146, 40.3813



31.0587, 38.7146, 34.6899



40.7983, 38.7146, 59.7237

Square

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



31.0587, 38.7146, 34.6899



34.0892, 38.7146, 62.0203



43.2020, 38.7146, 50.6178



39.6446, 38.7146, 27.0593

Rectangle

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



31.0587, 38.7146, 34.6899



31.0938, 38.7146, 50.8909



43.2020, 38.7146, 50.6178



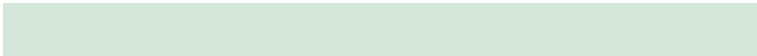
43.1583, 38.7146, 34.4784

Sweetspot

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



31.0598, 38.7162, 34.6908



68.5654, 75.6632, 78.2935



34.7716, 40.7686, 28.5913



14.7547, 16.3462, 16.8414



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.0598, 38.7162, 34.6908



52.2966, 67.7147, 57.7263



32.9311, 39.4647, 44.5449



8.5154, 9.5406, 9.7077



12.1279, 23.0771, 7.6765



0.4104, 0.7376, 0.3932

Inverse Universe

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



33.0909, 28.9715, 37.5679



56.5480, 47.3103, 63.7424



31.3717, 28.2838, 28.5145



8.7132, 8.5920, 9.9883



15.2515, 7.6182, 11.7505



0.5070, 0.2505, 0.5123

Previews

White Background



This preview shows how the XYZ color 31.0587, 38.7146, 34.6899 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 31.0587, 38.7146, 34.6899 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 31.0587, 38.7146, 34.6899

Background



This preview shows how black text looks on a background with the XYZ color 31.0587, 38.7146, 34.6899.

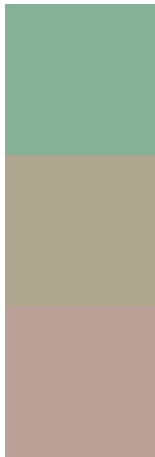


This preview shows how white text looks on a background with the XYZ color 31.0587, 38.7146,

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

31.0587, 38.7146, 34.6899

Protanopia

36.3495, 38.4000, 31.8817

Deuteranopia

39.2337, 38.4810, 35.4967



Tritanopia

34.6000, 38.7129, 52.1031

Trichromacy



Original Color

31.0587, 38.7146, 34.6899

Protanomaly

34.0602, 38.2984, 32.7913

Deuteranomaly

35.6347, 38.2293, 35.2066

Tritanomaly

33.1601, 38.6925, 45.2558

Monochromacy



Original Color

31.0587, 38.7146, 34.6899

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.6670, 36.6511, 37.2509

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0587, 38.7146, 34.6899 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(134, 177, 150)` looks like.

```
.text, #text, p{  
    color:rgb(134, 177, 150)  
}
```

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(134, 177, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 177, 150) }
```

Border

The CSS property to change the border of an element to XYZ 31.0587, 38.7146, 34.6899 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(134, 177, 150) }
```


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

```
.border{ border-color:rgb(134, 177, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 177, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 177, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 177, 150);  
box-shadow:4px 4px 4px 4px rgb(134, 177,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0587, 38.7146, 34.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 177, 150) }
```

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

```
.background{ background-color: rgb(134,  
177, 150) }
```

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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