

Converting Colors

XYZ(31.8892, 39.8405, 31.6613)

Have a look what the booklet for
XYZ(31.8892, 39.8405, 31.6613)
contains.

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Color

**XYZ(31.8178, 39.7686,
31.5903)**

Conversions

Conversions Part 1

Format	Color
Hex	8CB38E
RGB	140, 179, 142
RGB Percent	55%, 70%, 56%
CMY	0.4510, 0.2980, 0.4431
CMYK	0.22, 0.00, 0.21, 0.30
HSL	123°, 20%, 63%
HSV	123°, 22%, 70%
XYZ	31.8178, 39.7686, 31.5903
YIQ	163.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

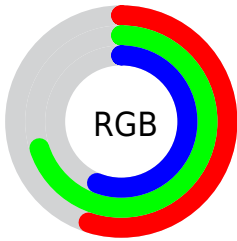
Format	Color
RYB	140, 177, 179
Decimal	9221006
CIELab	69.30, -20.52, 14.67
CIELCh	69, 25.225, 144.427
Yxy	39.7686, 0.3084, 0.3854
Android (android.graphics.Color)	4287411086 (0xFF8CB38E)
YUV	163.1210, -10.4127, -20.2771
Hunter-Lab	63.0624, -20.2978, 14.4431

Details

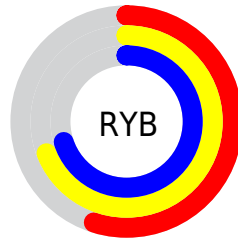
The XYZ color **31.8178, 39.7686, 31.5903** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9057, 31.5151, 45.7873**, and the grayscale version is **34.9222, 36.7409, 40.0109**.

A 20% lighter version of the original color is **61.9203, 74.8715, 63.4127**, and **13.5124, 17.8183, 12.8523** is the 20% darker color. If you saturate the color by 10%, you get **27.8641, 37.8678, 25.2491**, and if you desaturate by 10%, it is **36.4586, 42.0035, 38.9794**.

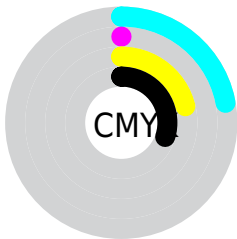
Distribution



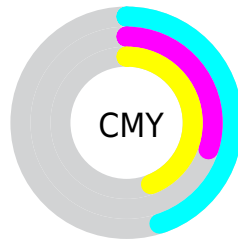
- Red (55%)
- Green (70%)
- Blue (56%)



- Red (55%)
- Yellow (69%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)



- Cyan (45%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8178, 39.7686, 31.5903 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 31.8178, 39.7686, 31.5903 by changing the saturation by 10% instead.

■ 31.8178, 39.7686,
31.5903

■ 31.8178, 39.7686,
31.5903

302.0485,
345.1473, 323.6837

■ 21.3772, 27.3582,
20.7865

■ 61.8925, 74.8110,
63.2587

■ 13.5141, 17.8424,
12.7783

■ 82.2573, 98.2118,
84.9604

■ 7.8629, 10.8369,
7.1472

■ 106.6609,
126.0448, 111.1318

■ 4.0584, 5.9573,
3.4745

135.4687,
158.6945, 142.1915

■ 1.7352, 2.8191,
1.3417

169.0460,
196.5451, 178.5580

■ 0.4782, 1.0380,
0.0956

207.7582,

■ 0.0000, 0.0000,

239.9812, 220.6498

0.0000

251.9705,
289.3872, 268.8855

■ 31.8178, 39.7686,
31.5903

■ 31.8178, 39.7686,
31.5903

■ 27.8641, 37.8678,
25.2491

■ 36.4586, 42.0035,
38.9794

■ 24.5618, 36.2803,
19.9059

■ 41.8137, 44.5820,
47.4581

■ 21.8770, 34.9907,
15.5107

■ 47.9125, 47.5196,
57.0689

■ 19.7712, 33.9804,
12.0082

■ 54.7820, 50.8295,
67.8513

■ 18.2018, 33.2289,
9.3372

■ 62.4478, 54.5238,
79.8430

■ 17.1201, 32.7124,
7.4289

■ 70.9343, 58.6146,
93.0798

■ 16.4689, 32.4031,
6.2036

■ 75.4108, 60.7217,
102.3536

■ 16.1711, 32.2618,
5.6385

Harmonies

Analogous

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



34.6722, 39.7686, 26.0186



31.8178, 39.7686, 31.5903



30.5728, 39.7686, 41.1733

Triad

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



31.8178, 39.7686, 31.5903



37.0483, 39.7686, 69.4762



45.3336, 39.7686, 34.7260

Complementary

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



31.8178, 39.7686, 31.5903



35.9057, 31.5151, 45.7873

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.



46.0822, 39.7686, 45.5013



31.8178, 39.7686, 31.5903



41.1080, 39.7686, 66.9194

Square

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



31.8178, 39.7686, 31.5903



33.4514, 39.7686, 64.0685



44.4861, 39.7686, 57.5986



42.5075, 39.7686, 27.5900

Rectangle

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



31.8178, 39.7686, 31.5903



30.7542, 39.7686, 49.0926



44.4861, 39.7686, 57.5986



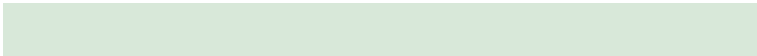
45.8447, 39.7686, 37.9843

Sweetspot

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



31.8189, 39.7703, 31.5912



69.6100, 77.3019, 76.6520



38.9982, 43.4886, 31.1501



15.2984, 17.0667, 16.7864



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



31.8189, 39.7703, 31.5912



53.5412, 69.5678, 51.0663



33.4093, 40.4065, 39.9662



8.4061, 9.4969, 9.1320



11.4342, 22.7997, 4.0235



0.3656, 0.7197, 0.1572

Inverse Universe

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



35.9057, 31.5151, 45.7873



62.1303, 52.2163, 80.9004



34.1026, 30.7939, 36.2925



8.8308, 8.6391, 10.6076



18.2595, 8.8214, 27.5903



0.5802, 0.2798, 0.8981

Previews

White Background



This preview shows how the XYZ color 31.8178, 39.7686, 31.5903 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 31.8178, 39.7686, 31.5903 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 31.8178, 39.7686, 31.5903

Background



This preview shows how black text looks on a background with the XYZ color 31.8178, 39.7686, 31.5903.



This preview shows how white text looks on a background with the XYZ color 31.8178, 39.7686,

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

31.8178, 39.7686, 31.5903

Protanopia

37.1084, 39.3951, 29.3151

Deuteranopia

40.0235, 39.2225, 32.2493



Tritanopia

36.1260, 39.7709, 52.7862

Trichromacy



Original Color

31.8178, 39.7686, 31.5903

Protanomaly

34.9298, 39.3685, 30.1840

Deuteranomaly

36.4922, 39.0176, 31.9934

Tritanomaly

34.3577, 39.6200, 44.3646

Monochromacy



Original Color

31.8178, 39.7686, 31.5903

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

33.6219, 37.7111, 36.5172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8178, 39.7686, 31.5903 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(140, 179, 142)` looks like.

```
.text, #text, p{  
    color:rgb(140, 179, 142)  
}
```

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(140, 179, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 179, 142) }
```

Border

The CSS property to change the border of an element to XYZ 31.8178, 39.7686, 31.5903 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(140, 179, 142) }
```


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

```
.border{ border-color:rgb(140, 179, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 179, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 179, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 179, 142);  
box-shadow:4px 4px 4px 4px rgb(140, 179,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8178, 39.7686, 31.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 179, 142) }
```

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

```
.background{ background-color: rgb(140,  
179, 142) }
```

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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