

Converting Colors

XYZ(31.8530, 39.2773, 41.1598)

Have a look what the booklet for
XYZ(31.8530, 39.2773, 41.1598)
contains.

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Color

**XYZ(31.8272, 39.2670,
41.0238)**

Conversions

Conversions Part 1

Format	Color
Hex	82B2A4
RGB	130, 178, 164
RGB Percent	51%, 70%, 64%
CMY	0.4902, 0.3019, 0.3569
CMYK	0.27, 0.00, 0.08, 0.30
HSL	162°, 24%, 60%
HSV	162°, 27%, 70%
XYZ	31.8272, 39.2670, 41.0238
YIQ	162.0520, -24.1140, -14.5300

Conversions

Conversions Part 2

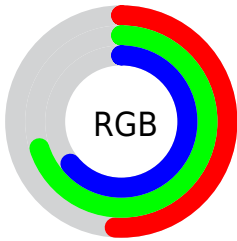
Format	Color
RYB	130, 158, 178
Decimal	8565412
CIELab	68.94, -18.93, 2.00
CIELCh	69, 19.036, 173.957
Yxy	39.2670, 0.2839, 0.3502
Android (android.graphics.Color)	4286755492 (0xFF82B2A4)
YUV	162.0520, 0.9604, -28.1096
Hunter-Lab	62.6634, -18.9994, 5.0490

Details

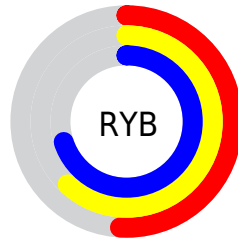
The XYZ color **31.8272, 39.2670, 41.0238** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.3782, 27.4449, 30.0308**, and the grayscale version is **34.3717, 36.1617, 39.3801**.

A 20% lighter version of the original color is **61.9762, 74.1505, 78.0638**, and **13.4827, 17.4993, 17.9963** is the 20% darker color. If you saturate the color by 10%, you get **28.8703, 37.7968, 38.4879**, and if you desaturate by 10%, it is **35.2778, 40.9916, 43.6844**.

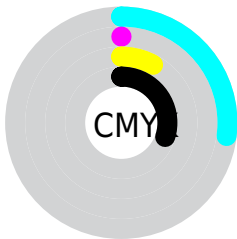
Distribution



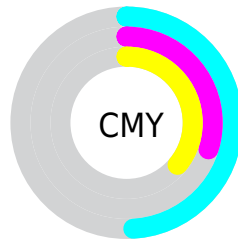
- Red (51%)
- Green (70%)
- Blue (64%)



- Red (51%)
- Yellow (62%)
- Blue (70%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.8272, 39.2670, 41.0238 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 31.8272, 39.2670, 41.0238 by changing the saturation by 10% instead.

■ 31.8272, 39.2670,
41.0238

■ 31.8272, 39.2670,
41.0238

302.0906,
343.0243, 366.0997

■ 21.3845, 26.9675,
28.0178

■ 61.9071, 74.0460,
77.9741

■ 13.5194, 17.5488,
18.0999

■ 82.2750, 97.2943,
102.7555

■ 7.8666, 10.6266,
10.8516

■ 106.6820,
124.9611, 132.2991

■ 4.0608, 5.8163,
5.8542

135.4934,
157.4306, 167.0235

■ 1.7366, 2.7337,
2.6893

169.0746,
195.0872, 207.3472

■ 0.4790, 0.9943,
0.9380

207.7910,

■ 0.0000, 0.0000,

238.3155, 253.6888

0.0000

252.0079,
287.4997, 306.4668

■ 31.8272, 39.2670,
41.0238

■ 31.8272, 39.2670,
41.0238

■ 28.8703, 37.7968,
38.4879

■ 35.2778, 40.9916,
43.6844

■ 26.3793, 36.5635,
36.0718

■ 39.2415, 42.9774,
46.4693

■ 24.3285, 35.5550,
33.7739

■ 43.7409, 45.2372,
49.3816

■ 22.6885, 34.7562,
31.5915

■ 48.7960, 47.7811,
52.4232

■ 21.4259, 34.1498,
29.5220

■ 54.4260, 50.6190,
55.5962

■ 20.5021, 33.7160,
27.5621

■ 60.6488, 53.7603,
58.9025

■ 19.8623, 33.4265,
25.7081

■ 67.4819, 57.2138,
62.3440

■ 19.6921, 33.3507,
25.1650

■ 68.2460, 57.5362,
65.6091

■ 68.8856, 57.7920,
68.9771

Harmonies

Analogous

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



32.8102, 39.2670, 33.6764



31.8272, 39.2670, 41.0238



32.2510, 39.2670, 49.8883

Triad

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



31.8272, 39.2670, 41.0238



39.7361, 39.2670, 59.8723



40.8532, 39.2670, 30.6416

Complementary

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



31.8272, 39.2670, 41.0238



31.3782, 27.4449, 30.0308

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.



42.8988, 39.2670, 36.3364



31.8272, 39.2670, 41.0238



42.2298, 39.2670, 53.3342

Square

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



31.8272, 39.2670, 41.0238



36.7126, 39.2670, 61.5699



43.4156, 39.2670, 44.5344



37.9383, 39.2670, 28.2264

Rectangle

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



31.8272, 39.2670, 41.0238



33.2864, 39.2670, 55.4029



43.4156, 39.2670, 44.5344



41.6715, 39.2670, 32.1954

Sweetspot

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



31.8283, 39.2686, 41.0247



70.2672, 77.4862, 83.6619



31.5225, 39.4196, 27.0671



15.3195, 17.0426, 18.3654



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.



31.8283, 39.2686, 41.0247



54.6122, 69.6622, 71.7951



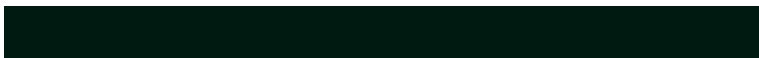
31.3197, 36.1149, 47.4416



8.6349, 9.5884, 10.3369



14.1177, 23.8731, 18.1545



0.4681, 0.7607, 0.6971

Inverse Universe

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



31.3782, 27.4449, 30.0308



53.6695, 44.8208, 48.7119



31.7104, 29.7173, 25.1845



8.5949, 8.5447, 9.3654



13.6034, 6.9589, 3.0717



0.4541, 0.2294, 0.2339

Previews

White Background



This preview shows how the XYZ color 31.8272, 39.2670, 41.0238 looks on a white background.

Color Contrast Check

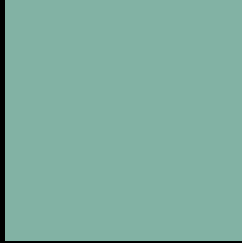
Large Text (above 18pt) WCAG AA × Fail

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 31.8272, 39.2670, 41.0238 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

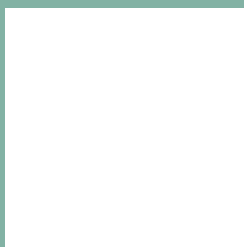
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.8272, 39.2670, 41.0238

Background



This preview shows how black text looks on a background with the XYZ color 31.8272, 39.2670, 41.0238.



This preview shows how white text looks on a background with the XYZ color 31.8272, 39.2670,

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

31.8272, 39.2670, 41.0238

Protanopia

37.2239, 38.9903, 37.9117

Deuteranopia

39.6625, 38.8210, 41.9620



Tritanopia

34.2048, 39.0538, 53.3123

Trichromacy



Original Color

31.8272, 39.2670, 41.0238

Protanomaly

34.8127, 38.8320, 38.9182

Deuteranomaly

36.1954, 38.6510, 41.6291

Tritanomaly

33.1395, 38.9012, 48.4099

Monochromacy



Original Color

31.8272, 39.2670, 41.0238

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.1912, 37.1336, 40.0685

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8272, 39.2670, 41.0238 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(130, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(130, 178, 164)  
}
```

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(130, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 178, 164) }
```

Border

The CSS property to change the border of an element to XYZ 31.8272, 39.2670, 41.0238 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(130, 178, 164) }
```


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

```
.border{ border-color:rgb(130, 178, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 178, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 178, 164);  
box-shadow:4px 4px 4px 4px rgb(130, 178,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8272, 39.2670, 41.0238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 178, 164) }
```

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

```
.background{ background-color: rgb(130,  
178, 164) }
```

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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