

Converting Colors

XYZ(30.8271, 31.5847, 48.7277)

Have a look what the booklet for
XYZ(30.8271, 31.5847, 48.7277)
contains.

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Color

**XYZ(30.8271, 31.5847,
48.7277)**

Conversions

Conversions Part 1

Format	Color
Hex	8E98B6
RGB	142, 152, 182
RGB Percent	56%, 60%, 71%
CMY	0.4431, 0.4039, 0.2863
CMYK	0.22, 0.16, 0.00, 0.29
HSL	225°, 22%, 64%
HSV	225°, 22%, 71%
XYZ	30.8271, 31.5847, 48.7277
YIQ	152.4300, -15.5900, 7.2100

Conversions

Conversions Part 2

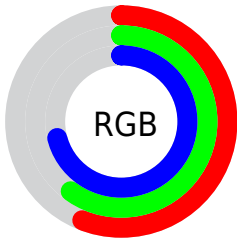
Format	Color
RYB	142, 150, 182
Decimal	9345206
CIELab	63.00, 3.02, -16.78
CIElCh	63, 17.047, 280.216
Yxy	31.5847, 0.2774, 0.2842
Android (android.graphics.Color)	4287535286 (0xFF8E98B6)
YUV	152.4300, 14.5780, -9.1471
Hunter-Lab	56.2003, -0.4392, -12.0664

Details

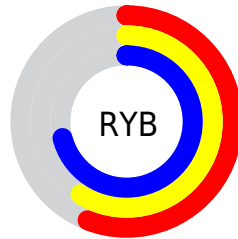
The XYZ color **30.8271, 31.5847, 48.7277** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.9268, 41.4032, 31.5320**, and the grayscale version is **29.9754, 31.5365, 34.3432**.

A 20% lighter version of the original color is **60.2689, 62.0514, 89.6895**, and **12.9305, 13.1165, 22.6191** is the 20% darker color. If you saturate the color by 10%, you get **25.8666, 25.9265, 47.8975**, and if you desaturate by 10%, it is **36.5545, 38.0182, 49.6682**.

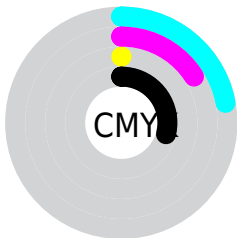
Distribution



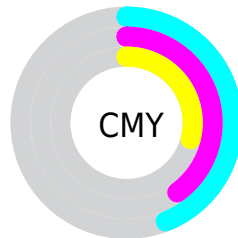
- Red (56%)
- Green (60%)
- Blue (71%)



- Red (56%)
- Yellow (59%)
- Blue (71%)



- Cyan (22%)
- Magenta (16%)
- Yellow (0%)
- Black (29%)



- Cyan (44%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8271, 31.5847, 48.7277 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 30.8271, 31.5847, 48.7277 by changing the saturation by 10% instead.

■ 30.8271, 31.5847,
48.7277

■ 30.8271, 31.5847,
48.7277

■ 297.5821,
309.2231, 398.2610

■ 20.6184, 21.0445,
34.0394

■ 60.3455, 62.1595,
89.6637

■ 12.9562, 13.1565,
22.6463

■ 80.3858, 82.9628,
116.7485

■ 7.4752, 7.5364,
14.1297

■ 104.4341,
107.9560, 148.8026

■ 3.8100, 3.7998,
8.0712

■ 132.8557,
137.5234, 186.2445

■ 1.5952, 1.5622,
4.0521

■ 166.0160,
172.0494, 229.4927

■ 0.3893, 0.3319,
1.6540

■ 204.2802,

■ 0.0000, 0.0000,

211.9184, 278.9659

0.3289

248.0138,
257.5148, 335.0824

■ 0.0000, 0.0000,
0.0000

■ 30.8271, 31.5847,
48.7277

■ 30.8271, 31.5847,
48.7277

■ 25.8666, 25.9265,
47.8975

■ 36.5545, 38.0182,
49.6682

■ 21.6365, 21.0098,
47.1715

■ 43.0769, 45.2515,
50.7206

■ 18.1022, 16.8040,
46.5459

■ 50.4248, 53.3127,
51.8892

■ 15.2245, 13.2746,
46.0164

■ 58.6262, 62.2272,
53.1776

■ 12.9604, 10.3842,
45.5778

■ 67.7077, 72.0194,
54.5891

■ 11.2613, 8.0912,
45.2248

■ 77.6946, 82.7129,
56.1268

■ 10.0706, 6.3486,
44.9511

■ 83.1125, 91.4953,
57.5364

■ 9.4015, 5.2931,
44.7827

■ 85.4436, 96.1574,
58.3134

Harmonies

Analogous

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



28.5200, 31.5847, 48.0279



30.8271, 31.5847, 48.7277



33.0266, 31.5847, 45.2229

Triad

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



30.8271, 31.5847, 48.7277



33.5965, 31.5847, 26.7087



25.9745, 31.5847, 30.2024

Complementary

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



30.8271, 31.5847, 48.7277



38.9268, 41.4032, 31.5320

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.



27.2023, 31.5847, 25.4425



30.8271, 31.5847, 48.7277



31.5724, 31.5847, 23.6148

Square

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



30.8271, 31.5847, 48.7277



34.6797, 31.5847, 32.1506



29.2277, 31.5847, 23.1835



25.7981, 31.5847, 36.7318

Rectangle

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



30.8271, 31.5847, 48.7277



34.1059, 31.5847, 41.2114



29.2277, 31.5847, 23.1835



26.2748, 31.5847, 28.3668

Sweetspot

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



30.8281, 31.5860, 48.7284



71.8340, 75.1132, 90.9480



35.2665, 42.1603, 44.9746



15.7113, 16.4186, 20.0626



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.8281, 31.5860, 48.7284



51.7084, 52.5156, 87.6469



30.9417, 29.3355, 48.2880



8.6987, 9.0747, 11.3725



6.6847, 3.8291, 31.6398



0.2863, 0.2363, 1.1323

Inverse Universe

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



34.6327, 31.5590, 33.9734



59.7947, 52.6393, 56.2461



38.7710, 44.2558, 32.0908



9.0943, 9.0481, 9.8438



13.9878, 7.1689, 2.5567



0.5187, 0.2630, 0.2248

Previews

White Background



This preview shows how the XYZ color 30.8271, 31.5847, 48.7277 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 30.8271, 31.5847, 48.7277 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

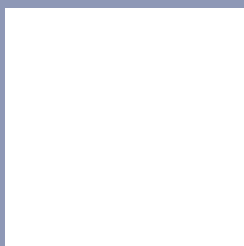
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8271, 31.5847, 48.7277

Background



This preview shows how black text looks on a background with the XYZ color 30.8271, 31.5847, 48.7277.



This preview shows how white text looks on a background with the XYZ color 30.8271, 31.5847,

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

30.8271, 31.5847, 48.7277

Protanopia

31.2612, 31.5804, 48.1640

Deuteranopia

32.2436, 31.5892, 49.1976



Tritanopia

29.3439, 31.7217, 41.1355

Trichromacy



Original Color

30.8271, 31.5847, 48.7277

Protanomaly

31.0842, 31.4892, 48.1558

Deuteranomaly

31.6663, 31.5275, 49.2162

Tritanomaly

29.8172, 31.6652, 43.5702

Monochromacy



Original Color

30.8271, 31.5847, 48.7277

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0518, 31.3967, 39.1266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8271, 31.5847, 48.7277 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(142, 152, 182)` looks like.

```
.text, #text, p{  
    color:rgb(142, 152, 182)  
}
```

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(142, 152, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 152, 182) }
```

Border

The CSS property to change the border of an element to XYZ 30.8271, 31.5847, 48.7277 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(142, 152, 182) }
```


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

```
.border{ border-color:rgb(142, 152, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 152, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 152, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 152, 182);  
box-shadow:4px 4px 4px 4px rgb(142, 152,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8271, 31.5847, 48.7277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 152, 182) }
```

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

```
.background{ background-color: rgb(142,  
152, 182) }
```

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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