

Converting Colors

XYZ(30.8042, 31.0254, 51.3791)

Have a look what the booklet for
XYZ(30.8042, 31.0254, 51.3791)
contains.

XYZ(30.8605, 31.0633, 51.3830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.8605, 31.0633,
51.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	8D96BB
RGB	141, 150, 187
RGB Percent	55%, 59%, 73%
CMY	0.4471, 0.4118, 0.2667
CMYK	0.25, 0.20, 0.00, 0.27
HSL	228°, 25%, 64%
HSV	228°, 25%, 73%
XYZ	30.8605, 31.0633, 51.3830
YIQ	151.5270, -17.2410, 9.5990

Conversions

Conversions Part 2

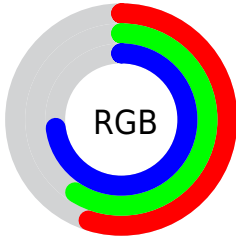
Format	Color
RYB	141, 149, 187
Decimal	9279163
CIELab	62.56, 5.03, -20.26
CIELCh	63, 20.875, 283.947
Yxy	31.0633, 0.2724, 0.2742
Android (android.graphics.Color)	4287469243 (0xFF8D96BB)
YUV	151.5270, 17.4882, -9.2322
Hunter-Lab	55.7345, 1.3012, -15.6468

Details

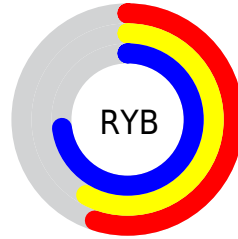
The XYZ color **30.8605, 31.0633, 51.3830** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.2220, 44.3288, 31.5838**, and the grayscale version is **29.5747, 31.1149, 33.8841**.

A 20% lighter version of the original color is **60.2762, 61.2589, 93.4413**, and **12.9814, 12.8186, 24.3443** is the 20% darker color. If you saturate the color by 10%, you get **25.6974, 25.0650, 50.4979**, and if you desaturate by 10%, it is **36.8706, 37.9570, 52.3974**.

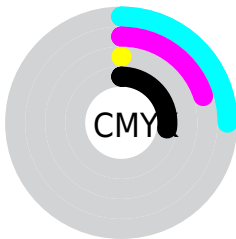
Distribution



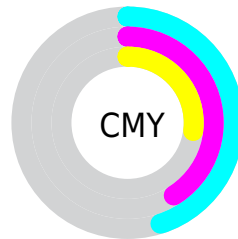
- Red (55%)
- Green (59%)
- Blue (73%)



- Red (55%)
- Yellow (58%)
- Blue (73%)



- Cyan (25%)
- Magenta (20%)
- Yellow (0%)
- Black (27%)



- Cyan (45%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8605, 31.0633, 51.3830 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 30.8605, 31.0633, 51.3830 by changing the saturation by 10% instead.

■ 30.8605, 31.0633,
51.3830

■ 30.8605, 31.0633,
51.3830

297.7335,
306.8298, 408.9390

■ 20.6440, 20.6471,
36.1347

■ 60.3977, 61.3397,
93.6380

■ 12.9750, 12.8663,
24.2477

■ 80.4491, 81.9687,
121.4816

■ 7.4882, 7.3365,
15.3036

■ 104.5094,
106.7707, 154.3609

■ 3.8183, 3.6734,
8.8837

132.9442,
136.1301, 192.6942

■ 1.5998, 1.4926,
4.5696

166.1186,
170.4313, 236.9001

■ 0.3923, 0.2835,
1.9428

204.3980,

■ 0.0000, 0.0000,

210.0587, 287.3972

0.5197

248.1479,
255.3968, 344.6039

■ 0.0000, 0.0000,
0.0000

■ 30.8605, 31.0633,
51.3830

■ 30.8605, 31.0633,
51.3830

■ 25.6974, 25.0650,
50.4979

■ 36.8706, 37.9570,
52.3974

■ 21.3396, 19.9213,
49.7347

■ 43.7607, 45.7774,
53.5437

■ 17.7466, 15.5935,
49.0887

■ 51.5658, 54.5587,
54.8273

■ 14.8728, 12.0385,
48.5540

■ 60.3181, 64.3323,
56.2525

■ 12.6678, 9.2092,
48.1241

■ 70.0480, 75.1282,
57.8235

■ 11.0741, 7.0527,
47.7919

■ 80.7849, 86.9751,
59.5443

■ 10.0238, 5.5084,
47.5491

■ 85.9697, 96.3679,
61.0840

■ 9.6187, 4.8858,
47.4503

Harmonies

Analogous

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



28.0404, 31.0633, 51.1867



30.8605, 31.0633, 51.3830



33.4787, 31.0633, 46.3773

Triad

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



30.8605, 31.0633, 51.3830



33.6332, 31.0633, 24.0893



24.5820, 31.0633, 29.6801

Complementary

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



30.8605, 31.0633, 51.3830



41.2220, 44.3288, 31.5838

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.



25.8951, 31.0633, 23.7667



30.8605, 31.0633, 51.3830



31.0605, 31.0633, 20.9103

Square

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



30.8605, 31.0633, 51.3830



35.1475, 31.0633, 30.1917



28.2281, 31.0633, 20.8025



24.5361, 31.0633, 37.7337

Rectangle

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



30.8605, 31.0633, 51.3830



34.7070, 31.0633, 41.1663



28.2281, 31.0633, 20.8025



24.8859, 31.0633, 27.4088

Sweetspot

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



30.8615, 31.0645, 51.3837



75.1189, 78.3039, 95.3564



36.7713, 44.4103, 48.6489



16.3740, 17.0531, 20.9711



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.8615, 31.0645, 51.3837



49.6486, 49.1209, 91.0659



31.9745, 29.5873, 51.0399



9.1636, 9.5196, 12.0267



6.6685, 3.4488, 32.7071



0.3071, 0.2268, 1.2965

Inverse Universe

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



35.5242, 31.8174, 33.1246



59.6294, 50.9640, 51.9297



39.8565, 46.3714, 32.0501



9.6044, 9.5661, 10.3060



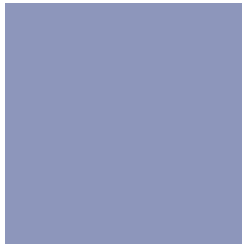
14.3667, 7.3778, 1.9588



0.5859, 0.2983, 0.1986

Previews

White Background



This preview shows how the XYZ color 30.8605, 31.0633, 51.3830 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 30.8605, 31.0633, 51.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

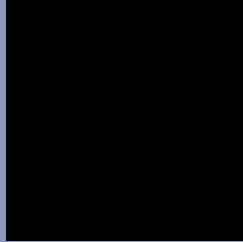
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8605, 31.0633, 51.3830

Background



This preview shows how black text looks on a background with the XYZ color 30.8605, 31.0633, 51.3830.



This preview shows how white text looks on a background with the XYZ color 30.8605, 31.0633,

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

30.8605, 31.0633, 51.3830

Protanopia

31.0313, 31.1513, 51.3910

Deuteranopia

31.5922, 30.9707, 51.3266



Tritanopia

28.7551, 31.1827, 40.5797

Trichromacy



Original Color

30.8605, 31.0633, 51.3830

Protanomaly

31.0313, 31.1513, 51.3910

Deuteranomaly

31.3941, 31.1025, 51.3624

Tritanomaly

29.5124, 31.2417, 44.5192

Monochromacy



Original Color

30.8605, 31.0633, 51.3830

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.0709, 31.1457, 40.0241

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8605, 31.0633, 51.3830 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(141, 150, 187)` looks like.

```
.text, #text, p{  
    color:rgb(141, 150, 187)  
}
```

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(141, 150, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 150, 187) }
```

Border

The CSS property to change the border of an element to XYZ 30.8605, 31.0633, 51.3830 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(141, 150, 187) }
```


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

```
.border{ border-color:rgb(141, 150, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 150, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 150, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 150, 187);  
box-shadow:4px 4px 4px 4px rgb(141, 150,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8605, 31.0633, 51.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 150, 187) }
```

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

```
.background{ background-color: rgb(141,  
150, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor