

Converting Colors

XYZ(30.8516, 31.3854, 50.3307)

Have a look what the booklet for
XYZ(30.8516, 31.3854, 50.3307)
contains.

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Color

**XYZ(30.8081, 31.2987,
50.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	8D97B9
RGB	141, 151, 185
RGB Percent	55%, 59%, 73%
CMY	0.4470, 0.4078, 0.2745
CMYK	0.24, 0.18, 0.00, 0.27
HSL	226°, 24%, 64%
HSV	226°, 24%, 73%
XYZ	30.8081, 31.2987, 50.3164
YIQ	151.8860, -16.8740, 8.4540

Conversions

Conversions Part 2

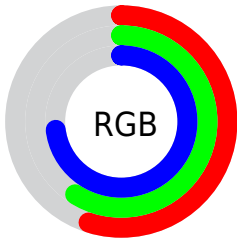
Format	Color
R _Y B	141, 149, 185
Decimal	9279417
CIE Lab	62.76, 3.98, -18.83
CIE LCh	63, 19.250, 281.943
Yxy	31.2987, 0.2740, 0.2784
Android (android.graphics.Color)	4287469497 (0xFF8D97B9)
YUV	151.8860, 16.3252, -9.5470
Hunter-Lab	55.9452, 0.3928, -14.1630

Details

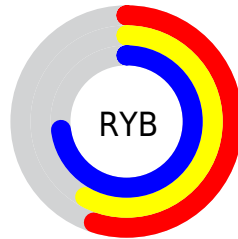
The XYZ color **30.8081, 31.2987, 50.3164** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **40.1458, 42.8977, 31.3645**, and the grayscale version is **29.7337, 31.2822, 34.0663**.

A 20% lighter version of the original color is **60.2142, 61.6156, 91.9385**, and **12.9385, 12.9539, 23.6482** is the 20% darker color. If you saturate the color by 10%, you get **25.7586, 25.4856, 49.4610**, and if you desaturate by 10%, it is **36.6640, 37.9432, 51.2908**.

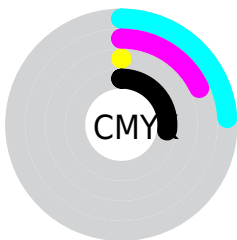
Distribution



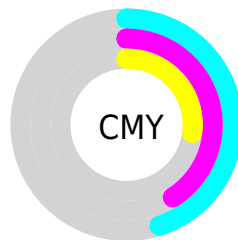
- Red (55%)
- Green (59%)
- Blue (73%)



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



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8081, 31.2987, 50.3164 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 30.8081, 31.2987, 50.3164 by changing the saturation by 10% instead.

■ 30.8081, 31.2987,
50.3164

■ 30.8081, 31.2987,
50.3164

297.4960,
307.9121, 404.6724

■ 20.6039, 20.8264,
35.2919

■ 60.3157, 61.7100,
92.0446

■ 12.9456, 12.9972,
23.6025

■ 80.3498, 82.4179,
119.5854

■ 7.4678, 7.4266,
14.8295

■ 104.3913,
107.3063, 152.1355

■ 3.8053, 3.7303,
8.5545

132.8054,
136.7599, 190.1132

■ 1.5926, 1.5239,
4.3590

165.9576,
171.1628, 233.9373

■ 0.3876, 0.3054,
1.8243

204.2132,

■ 0.0000, 0.0000,

210.8995, 284.0261

0.4439

247.9375,
256.3545, 340.7983

■ 0.0000, 0.0000,
0.0000

■ 30.8081, 31.2987,
50.3164

■ 30.8081, 31.2987,
50.3164

■ 25.7586, 25.4856,
49.4610

■ 36.6640, 37.9432,
51.2908

■ 21.4766, 20.4667,
48.7180

■ 43.3571, 45.4467,
52.3864

■ 17.9241, 16.2077,
48.0831

■ 50.9200, 53.8401,
53.6078

■ 15.0589, 12.6701,
47.5513

■ 59.3829, 63.1517,
54.9591

■ 12.8340, 9.8118,
47.1169

■ 68.7744, 73.4085,
56.4439

■ 11.1962, 7.5862,
46.7736

■ 79.1218, 84.6364,
58.0657

■ 10.0829, 5.9396,
46.5145

■ 84.5158, 93.8004,
59.5503

■ 9.5868, 5.1623,
46.3906

■ 85.7570, 96.2828,
59.9640

Harmonies

Analogous

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



28.2073, 31.2987, 49.7994



30.8081, 31.2987, 50.3164



33.2609, 31.2987, 46.0361

Triad

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



30.8081, 31.2987, 50.3164



33.6737, 31.2987, 25.2805



25.1917, 31.2987, 29.7811

Complementary

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



30.8081, 31.2987, 50.3164



40.1458, 42.8977, 31.3645

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.



26.4925, 31.2987, 24.3953



30.8081, 31.2987, 50.3164



31.3448, 31.2987, 22.0730

Square

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



30.8081, 31.2987, 50.3164



34.9794, 31.2987, 31.1667



28.7134, 31.2987, 21.7749



25.0669, 31.2987, 37.1672

Rectangle

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



30.8081, 31.2987, 50.3164



34.4417, 31.2987, 41.3606



28.7134, 31.2987, 21.7749



25.5022, 31.2987, 27.7064

Sweetspot

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



30.8091, 31.3000, 50.3171



73.4873, 76.7421, 93.1441



36.0459, 43.4460, 46.9070



15.6871, 16.3702, 20.0546



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.



30.8091, 31.3000, 50.3171



49.8578, 49.9526, 89.2186



31.3693, 29.2999, 49.9015



8.6823, 9.0419, 11.3671



6.5742, 3.6082, 31.6030



0.2794, 0.2225, 1.1300

Inverse Universe

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



35.1192, 31.5994, 33.5278



59.1047, 50.8370, 53.1444



39.4500, 45.5363, 31.9104



9.0860, 9.0448, 9.8003



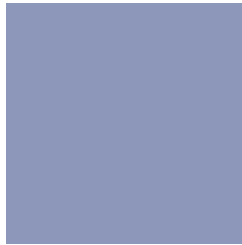
13.9321, 7.1466, 2.2630



0.5152, 0.2616, 0.2064

Previews

White Background



This preview shows how the XYZ color 30.8081, 31.2987, 50.3164 looks on a white background.

Color Contrast Check

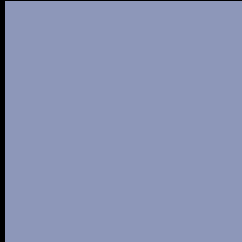
Large Text (above 18pt) WCAG AA × Fail

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 30.8081, 31.2987, 50.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

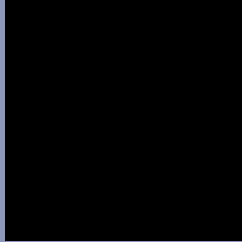
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8081, 31.2987, 50.3164

Background



This preview shows how black text looks on a background with the XYZ color 30.8081, 31.2987, 50.3164.

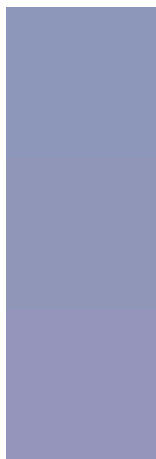


This preview shows how white text looks on a background with the XYZ color 30.8081, 31.2987,

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

30.8081, 31.2987, 50.3164

Protanopia

31.0597, 31.2027, 49.7331

Deuteranopia

31.8473, 31.1145, 50.7815



Tritanopia

28.8472, 31.2196, 41.0648

Trichromacy



Original Color

30.8081, 31.2987, 50.3164

Protanomaly

30.8858, 31.1130, 49.7250

Deuteranomaly

31.4644, 31.1511, 50.8088

Tritanomaly

29.5124, 31.2417, 44.5192

Monochromacy



Original Color

30.8081, 31.2987, 50.3164

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

30.1418, 31.4327, 39.6004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8081, 31.2987, 50.3164 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, 151, 185)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 185)  
}
```

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, 151, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 185) }
```

Border

The CSS property to change the border of an element to XYZ 30.8081, 31.2987, 50.3164 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, 151, 185) }
```


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

```
.border{ border-color:rgb(141, 151, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 151, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 185);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8081, 31.2987, 50.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 185) }
```

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

```
.background{ background-color: rgb(141,  
151, 185) }
```

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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