

Converting Colors

XYZ(29.1648, 31.3672, 41.0943)

Have a look what the booklet for
XYZ(29.1648, 31.3672, 41.0943)
contains.

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Color

**XYZ(29.1781, 31.3902,
41.0803)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9AA7
RGB	139, 154, 167
RGB Percent	55%, 60%, 65%
CMY	0.4549, 0.3961, 0.3451
CMYK	0.17, 0.08, 0.00, 0.35
HSL	208°, 14%, 60%
HSV	208°, 17%, 65%
XYZ	29.1781, 31.3902, 41.0803
YIQ	150.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

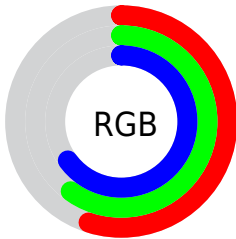
Format	Color
RYB	139, 149, 167
Decimal	9149095
CIELab	62.84, -2.51, -8.59
CIElCh	63, 8.954, 253.694
Yxy	31.3902, 0.2870, 0.3088
Android (android.graphics.Color)	4287339175 (0xFF8B9AA7)
YUV	150.9970, 7.8895, -10.5214
Hunter-Lab	56.0270, -5.0867, -4.2540

Details

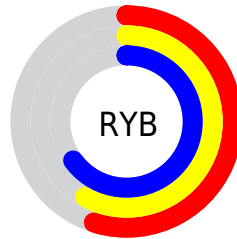
The XYZ color **29.1781, 31.3902, 41.0803** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8250, 32.5359, 29.0294**, and the grayscale version is **29.3862, 30.9166, 33.6681**.

A 20% lighter version of the original color is **57.7330, 61.7231, 77.9781**, and **12.0646, 13.0621, 18.1050** is the 20% darker color. If you saturate the color by 10%, you get **25.3616, 27.5849, 40.5475**, and if you desaturate by 10%, it is **33.5051, 35.5829, 41.6620**.

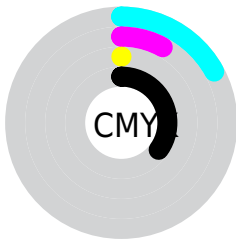
Distribution



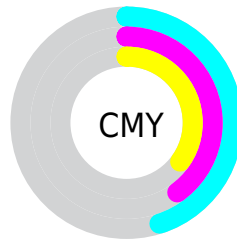
- Red (55%)
- Green (60%)
- Blue (65%)



- Red (55%)
- Yellow (58%)
- Blue (65%)



- Cyan (17%)
- Magenta (8%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1781, 31.3902, 41.0803 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 29.1781, 31.3902, 41.0803 by changing the saturation by 10% instead.

■ 29.1781, 31.3902,
41.0803

■ 29.1781, 31.3902,
41.0803

290.0334,
308.3320, 366.3427

■ 19.3606, 20.8962,
28.0617

■ 57.7555, 61.8539,
78.0608

■ 12.0366, 13.0481,
18.1327

■ 77.2461, 82.5923,
102.8597

■ 6.8410, 7.4617,
10.8749

■ 100.6918,
107.5143, 132.4224

■ 3.4083, 3.7525,
5.8696

128.4579,
137.0043, 167.1676

■ 1.3732, 1.5361,
2.6985

160.9097,
171.4467, 207.5136

■ 0.2370, 0.3139,
0.9427

198.4127,

■ 0.0000, 0.0000,

211.2258, 253.8791

0.0000

241.3321,
256.7261, 306.6826

■ 29.1781, 31.3902,
41.0803

■ 29.1781, 31.3902,
41.0803

■ 25.3616, 27.5849,
40.5475

■ 33.5051, 35.5829,
41.6620

■ 22.0319, 24.1503,
40.0600

■ 38.3594, 40.1716,
42.2919

■ 19.1678, 21.0736,
39.6171

■ 43.7603, 45.1692,
42.9718

■ 16.7449, 18.3400,
39.2172

■ 49.7254, 50.5868,
43.7032

■ 14.7366, 15.9332,
38.8584

■ 56.2714, 56.4352,
44.4870

■ 13.1132, 13.8353,
38.5391

■ 63.4144, 62.7246,
45.3245

■ 11.8402, 12.0258,
38.2569

■ 70.8369, 69.2935,
46.2012

■ 10.8686, 10.4766,
38.0091

■ 72.7767, 73.1731,
46.8478

■ 10.5874, 10.0146,
37.9347

■ 74.8102, 77.2402,
47.5257

Harmonies

Analogous

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



28.1624, 31.3902, 39.0605



29.1781, 31.3902, 41.0803



30.3973, 31.3902, 41.1705

Triad

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



29.1781, 31.3902, 41.0803



32.1862, 31.3902, 32.6043



28.2356, 31.3902, 29.5235

Complementary

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



29.1781, 31.3902, 41.0803



31.8250, 32.5359, 29.0294

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.



29.2806, 31.3902, 28.0268



29.1781, 31.3902, 41.0803



31.5735, 31.3902, 29.7214

Square

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



29.1781, 31.3902, 41.0803



32.1569, 31.3902, 36.1105



30.5026, 31.3902, 28.0967



27.6285, 31.3902, 32.3169

Rectangle

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



29.1781, 31.3902, 41.0803



31.1631, 31.3902, 40.1124



30.5026, 31.3902, 28.0967



28.5460, 31.3902, 28.8609

Sweetspot

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



29.1790, 31.3915, 41.0810



61.3945, 65.0527, 74.7959



30.1015, 35.3809, 34.7775



13.6128, 14.4373, 16.7213



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.1790, 31.3915, 41.0810



49.6956, 53.6898, 73.2192



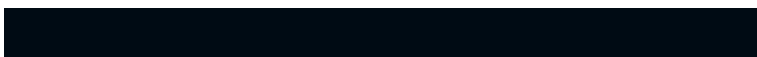
27.0597, 27.1529, 40.3746



7.4521, 7.9412, 9.5584



8.1510, 7.7621, 29.0441



0.2487, 0.2897, 0.7235

Inverse Universe

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



31.0024, 29.0145, 34.5397



53.5967, 48.7683, 59.1876



34.1607, 37.2074, 29.8080



7.6928, 7.6070, 8.6995



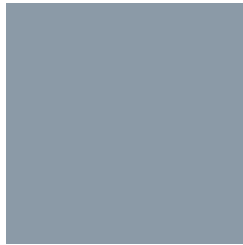
13.6148, 6.8546, 8.0492



0.3567, 0.1770, 0.3298

Previews

White Background



This preview shows how the XYZ color 29.1781, 31.3902, 41.0803 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 29.1781, 31.3902, 41.0803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

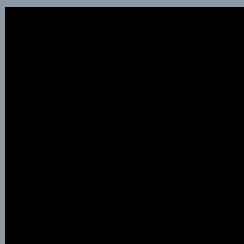
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

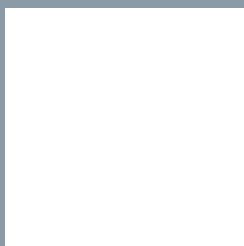
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1781, 31.3902, 41.0803

Background



This preview shows how black text looks on a background with the XYZ color 29.1781, 31.3902, 41.0803.

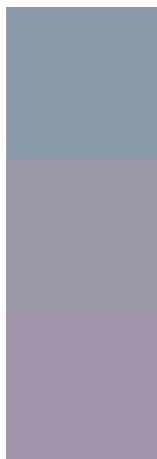


This preview shows how white text looks on a background with the XYZ color 29.1781, 31.3902,

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

29.1781, 31.3902, 41.0803

Protanopia

30.6206, 31.4291, 40.0499

Deuteranopia

31.9559, 31.3779, 41.4181



Tritanopia

29.0860, 31.3533, 40.5952

Trichromacy



Original Color

29.1781, 31.3902, 41.0803

Protanomaly

30.1438, 31.4127, 40.5509

Deuteranomaly

30.9231, 31.3152, 41.4604

Tritanomaly

29.0860, 31.3533, 40.5952

Monochromacy



Original Color

29.1781, 31.3902, 41.0803

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3467, 31.0938, 36.3533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1781, 31.3902, 41.0803 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(139, 154, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 154, 167)  
}
```

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(139, 154, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 154, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.1781, 31.3902, 41.0803 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(139, 154, 167) }
```


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

```
.border{ border-color:rgb(139, 154, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 154, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 154, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 154, 167);  
box-shadow:4px 4px 4px 4px rgb(139, 154,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1781, 31.3902, 41.0803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 154, 167) }
```

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

```
.background{ background-color: rgb(139,  
154, 167) }
```

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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