

Converting Colors

XYZ(29.6809, 31.8954, 41.1513)

Have a look what the booklet for
XYZ(29.6809, 31.8954, 41.1513)
contains.

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Color

**XYZ(29.6809, 31.8954,
41.1513)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9BA7
RGB	141, 155, 167
RGB Percent	55%, 61%, 65%
CMY	0.4471, 0.3921, 0.3451
CMYK	0.16, 0.07, 0.00, 0.35
HSL	208°, 13%, 60%
HSV	208°, 16%, 65%
XYZ	29.6809, 31.8954, 41.1513
YIQ	152.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

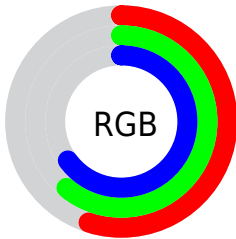
Format	Color
R_{YB}	141, 150, 167
Decimal	9280423
CIE _{Lab}	63.26, -2.40, -7.95
CIE _{LCh}	63, 8.307, 253.199
Yxy	31.8954, 0.2889, 0.3105
Android (android.graphics.Color)	4287470503 (0xFF8D9BA7)
YUV	152.1820, 7.3053, -9.8066
Hunter-Lab	56.4760, -5.0226, -3.6685

Details

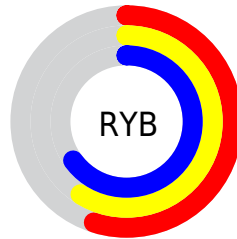
The XYZ color **29.6809, 31.8954, 41.1513** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1356, 32.9210, 29.8607**, and the grayscale version is **29.8975, 31.4545, 34.2540**.

A 20% lighter version of the original color is **58.4910, 62.4770, 78.0837**, and **12.3592, 13.3626, 18.1475** is the 20% darker color. If you saturate the color by 10%, you get **25.8109, 28.0575, 40.6150**, and if you desaturate by 10%, it is **34.0628, 36.1204, 41.7364**.

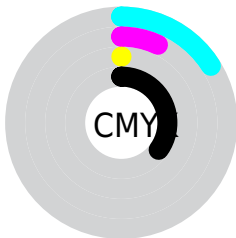
Distribution



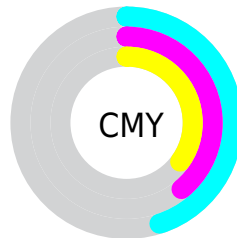
- Red (55%)
- Green (61%)
- Blue (65%)



- Red (55%)
- Yellow (59%)
- Blue (65%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (39%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6809, 31.8954, 41.1513 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 29.6809, 31.8954, 41.1513 by changing the saturation by 10% instead.

■ 29.6809, 31.8954,
41.1513

■ 29.6809, 31.8954,
41.1513

292.3508,
310.6425, 366.6479

■ 19.7434, 21.2816,
28.1167

■ 58.5473, 62.6471,
78.1697

■ 12.3158, 13.3300,
18.1739

■ 78.2068, 83.5538,
102.9906

■ 7.0329, 7.6562,
10.9042

■ 101.8378,
108.6602, 132.5773

■ 3.5292, 3.8757,
5.8891

129.8055,
138.3508, 167.3485

■ 1.4394, 1.6043,
2.7100

162.4753,
173.0099, 207.7226

■ 0.2840, 0.3605,
0.9485

200.2125,

■ 0.0000, 0.0000,

213.0220, 254.1182

0.0000

243.3826,
258.7714, 306.9538

■ 29.6809, 31.8954,
41.1513

■ 29.6809, 31.8954,
41.1513

■ 25.8109, 28.0575,
40.6150

■ 34.0628, 36.1204,
41.7364

■ 22.4295, 24.5899,
40.1239

■ 38.9733, 40.7408,
42.3694

■ 19.5153, 21.4802,
39.6773

■ 44.4315, 45.7693,
43.0523

■ 17.0446, 18.7137,
39.2735

■ 50.4549, 51.2172,
43.7864

■ 14.9910, 16.2743,
38.9109

■ 57.0602, 57.0950,
44.5728

■ 13.3252, 14.1444,
38.5876

■ 64.2631, 63.4128,
45.4126

■ 12.0135, 12.3041,
38.3015

■ 71.0031, 69.6259,
46.2566

■ 11.0130, 10.7283,
38.0501

■ 72.9393, 73.4983,
46.9020

■ 10.6259, 10.0916,
37.9476

■ 74.9682, 77.5561,
47.5783

Harmonies

Analogous

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



28.7320, 31.8954, 39.2469



29.6809, 31.8954, 41.1513



30.8234, 31.8954, 41.2668

Triad

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



29.6809, 31.8954, 41.1513



32.5200, 31.8954, 33.3025



28.8269, 31.8954, 30.3134

Complementary

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



29.6809, 31.8954, 41.1513



32.1356, 32.9210, 29.8607

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.



29.8135, 31.8954, 28.9204



29.6809, 31.8954, 41.1513



31.9564, 31.8954, 30.5712

Square

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



29.6809, 31.8954, 41.1513



32.4823, 31.8954, 36.5917



30.9593, 31.8954, 29.0117



28.2475, 31.8954, 32.9300

Rectangle

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



29.6809, 31.8954, 41.1513



31.5427, 31.8954, 40.3023



30.9593, 31.8954, 29.0117



29.1208, 31.8954, 29.6941

Sweetspot

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



29.6818, 31.8967, 41.1520



61.4019, 65.0676, 74.7983



30.5288, 35.5907, 35.2685



13.6147, 14.4410, 16.7220



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.



29.6818, 31.8967, 41.1520



50.4347, 54.4485, 73.3267



27.6779, 27.8888, 40.4840



7.4538, 7.9446, 9.5589



8.1804, 7.8211, 29.0540



0.2494, 0.2910, 0.7237

Inverse Universe

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



31.3784, 29.6325, 35.0776



54.1454, 49.6602, 60.0041



34.3264, 37.3026, 30.5909



7.6937, 7.6073, 8.7041



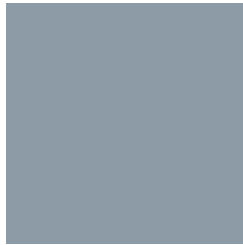
13.6297, 6.8606, 8.1275



0.3570, 0.1771, 0.3316

Previews

White Background



This preview shows how the XYZ color 29.6809, 31.8954, 41.1513 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 29.6809, 31.8954, 41.1513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

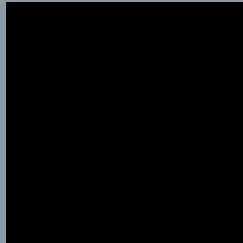
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

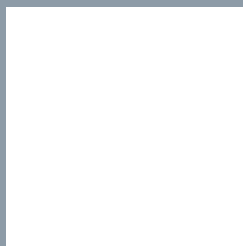
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6809, 31.8954, 41.1513

Background



This preview shows how black text looks on a background with the XYZ color 29.6809, 31.8954, 41.1513.

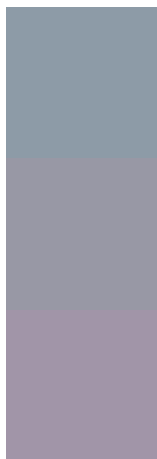


This preview shows how white text looks on a background with the XYZ color 29.6809, 31.8954,

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

29.6809, 31.8954, 41.1513

Protanopia

30.9687, 31.8485, 40.1125

Deuteranopia

32.5133, 31.8991, 41.4893



Tritanopia

29.6809, 31.8954, 41.1513

Trichromacy



Original Color

29.6809, 31.8954, 41.1513

Protanomaly

30.4869, 31.8315, 40.6137

Deuteranomaly

31.4609, 31.8304, 41.5315

Tritanomaly

29.6809, 31.8954, 41.1513

Monochromacy



Original Color

29.6809, 31.8954, 41.1513

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6898, 31.5127, 36.4160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6809, 31.8954, 41.1513 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, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(141, 155, 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(141, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 155, 167) }
```

Border

The CSS property to change the border of an element to XYZ 29.6809, 31.8954, 41.1513 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, 155, 167) }
```


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

```
.border{ border-color:rgb(141, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(141, 155,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6809, 31.8954, 41.1513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 155, 167) }
```

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

```
.background{ background-color: rgb(141,  
155, 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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