

Converting Colors

XYZ(28.1316, 31.5760, 34.1044)

Have a look what the booklet for
XYZ(28.1316, 31.5760, 34.1044)
contains.

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Color

**XYZ(28.2034, 31.5329,
34.3057)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9C98
RGB	139, 156, 152
RGB Percent	55%, 61%, 60%
CMY	0.4549, 0.3882, 0.4039
CMYK	0.11, 0.00, 0.03, 0.39
HSL	166°, 8%, 58%
HSV	166°, 11%, 61%
XYZ	28.2034, 31.5329, 34.3057
YIQ	150.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

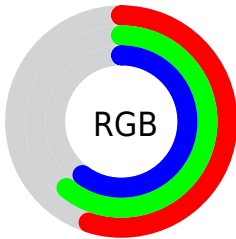
Format	Color
RYB	139, 149, 156
Decimal	9149592
CIELab	62.95, -6.83, 0.04
CIELCh	63, 6.827, 179.686
Yxy	31.5329, 0.2999, 0.3353
Android (android.graphics.Color)	4287339672 (0xFF8B9C98)
YUV	150.4610, 0.7587, -10.0513
Hunter-Lab	56.1542, -8.6182, 3.0865

Details

The XYZ color **28.2034, 31.5329, 34.3057** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9020, 27.5171, 29.8288**, and the grayscale version is **29.1856, 30.7056, 33.4384**.

A 20% lighter version of the original color is **56.1795, 61.8869, 67.3769**, and **11.5204, 13.1666, 14.2461** is the 20% darker color. If you saturate the color by 10%, you get **25.4862, 30.1672, 32.6331**, and if you desaturate by 10%, it is **31.3034, 33.0966, 36.0461**.

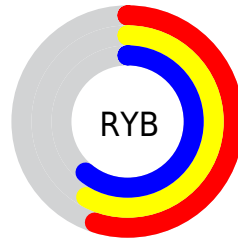
Distribution



Red (55%)

Green (61%)

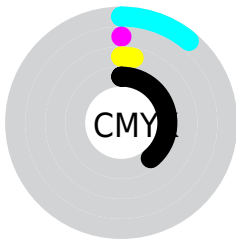
Blue (60%)



Red (55%)

Yellow (58%)

Blue (61%)

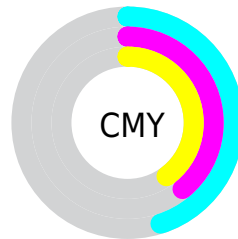


Cyan (11%)

Magenta (0%)

Yellow (3%)

Black (39%)



Cyan (45%)

Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2034, 31.5329, 34.3057 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 28.2034, 31.5329, 34.3057 by changing the saturation by 10% instead.

■ 28.2034, 31.5329,
34.3057

■ 28.2034, 31.5329,
34.3057

285.5000,
308.9859, 336.3037

■ 18.6203, 21.0050,
22.8493

■ 56.2154, 62.0781,
67.5481

■ 11.4986, 13.1276,
14.2780

■ 75.3750, 82.8642,
90.1712

■ 6.4730, 7.5165,
8.1733

■ 98.4574, 107.8384,
117.3535

■ 3.1781, 3.7872,
4.1167

125.8281,
137.3852, 149.5137

■ 1.2487, 1.5552,
1.6896

157.8523,
171.8890, 187.0703

■ 0.1443, 0.3271,
0.3536

194.8955,

■ 0.0000, 0.0000,

211.7341, 230.4418

0.0000

237.3229,
257.3049, 280.0467

■ 28.2034, 31.5329,
34.3057

■ 28.2034, 31.5329,
34.3057

■ 25.4862, 30.1672,
32.6331

■ 31.3034, 33.0966,
36.0461

■ 23.1335, 28.9875,
31.0251

■ 34.7984, 34.8619,
37.8535

■ 21.1292, 27.9864,
29.4812

■ 38.7032, 36.8375,
39.7295

■ 19.4551, 27.1544,
28.0000

■ 43.0313, 39.0301,
41.6751

■ 18.0914, 26.4814,
26.5803

■ 47.7953, 41.4463,
43.6915

■ 17.0159, 25.9559,
25.2204

■ 53.0074, 44.0925,
45.7796

■ 16.2035, 25.5651,
23.9187

■ 58.6793, 46.9745,
47.9403

■ 15.6247, 25.2937,
22.6735

■ 61.5087, 48.3900,
50.0195

■ 15.2356, 25.1168,
21.5857

■ 61.8916, 48.5432,
52.0361

Harmonies

Analogous

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



28.4408, 31.5329, 31.7922



28.2034, 31.5329, 34.3057



28.4313, 31.5329, 36.9563

Triad

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



28.2034, 31.5329, 34.3057



30.8732, 31.5329, 39.0198



30.8907, 31.5329, 30.0650

Complementary

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



28.2034, 31.5329, 34.3057



27.9020, 27.5171, 29.8288

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.



31.5655, 31.5329, 31.8388



28.2034, 31.5329, 34.3057



31.5552, 31.5329, 37.0077

Square

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



28.2034, 31.5329, 34.3057



29.9612, 31.5329, 39.7627



31.8111, 31.5329, 34.3623



29.9809, 31.5329, 29.4233

Rectangle

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



28.2034, 31.5329, 34.3057



28.8193, 31.5329, 38.4253



31.8111, 31.5329, 34.3623



31.1532, 31.5329, 30.5439

Sweetspot

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



28.2043, 31.5342, 34.3064



55.5770, 59.4660, 64.7738



27.9207, 31.5044, 29.0359



12.1306, 13.0353, 14.1988



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.2043, 31.5342, 34.3064



49.9989, 56.6553, 61.5796



27.8369, 30.2658, 35.8288



6.7550, 7.4828, 8.1445



12.5627, 20.6930, 17.8519



0.2396, 0.3760, 0.3982

Inverse Universe

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



27.9020, 27.5171, 29.8288



49.3417, 47.9207, 51.8444



28.2316, 28.6530, 28.4691



6.6939, 6.6705, 7.2391



11.5763, 5.9351, 2.0200



0.2217, 0.1120, 0.1134

Previews

White Background



This preview shows how the XYZ color 28.2034, 31.5329, 34.3057 looks on a white background.

Color Contrast Check

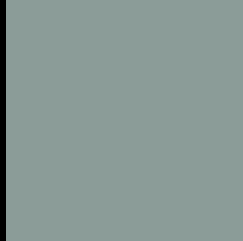
Large Text (above 18pt) WCAG AA × Fail

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 28.2034, 31.5329, 34.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

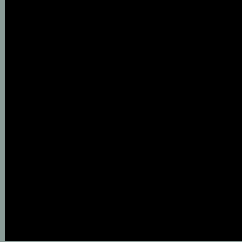
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

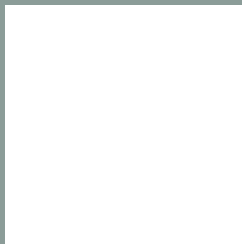
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2034, 31.5329, 34.3057

Background



This preview shows how black text looks on a background with the XYZ color 28.2034, 31.5329, 34.3057.

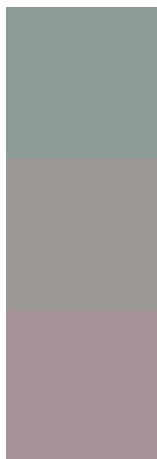


This preview shows how white text looks on a background with the XYZ color 28.2034, 31.5329,

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

28.2034, 31.5329, 34.3057

Protanopia

30.0090, 31.2717, 32.8882

Deuteranopia

31.9923, 31.3075, 34.9286



Tritanopia

29.4230, 31.5271, 40.6110

Trichromacy



Original Color

28.2034, 31.5329, 34.3057

Protanomaly

29.2907, 31.3740, 33.3662

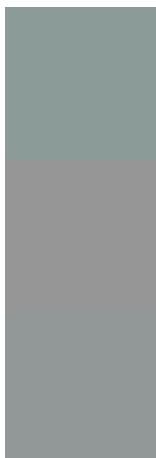
Deuteranomaly

30.3664, 31.1805, 34.5550

Tritanomaly

28.9696, 31.5913, 38.2891

Monochromacy



Original Color

28.2034, 31.5329, 34.3057

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6682, 30.8018, 33.7125

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2034, 31.5329, 34.3057 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, 156, 152)` looks like.

```
.text, #text, p{  
    color:rgb(139, 156, 152)  
}
```

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, 156, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 156, 152) }
```

Border

The CSS property to change the border of an element to XYZ 28.2034, 31.5329, 34.3057 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, 156, 152) }
```


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

```
.border{ border-color:rgb(139, 156, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 156, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 156, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 156, 152);  
box-shadow:4px 4px 4px 4px rgb(139, 156,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2034, 31.5329, 34.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 156, 152) }
```

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

```
.background{ background-color: rgb(139,  
156, 152) }
```

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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