

Converting Colors

XYZ(28.8677, 31.5613, 36.2270)

Have a look what the booklet for
XYZ(28.8677, 31.5613, 36.2270)
contains.

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Color

**XYZ(28.8774, 31.5938,
36.0287)**

Conversions

Conversions Part 1

Format	Color
Hex	8E9B9C
RGB	142, 155, 156
RGB Percent	56%, 61%, 61%
CMY	0.4431, 0.3921, 0.3882
CMYK	0.09, 0.01, 0.00, 0.39
HSL	184°, 7%, 58%
HSV	184°, 9%, 61%
XYZ	28.8774, 31.5938, 36.0287
YIQ	151.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

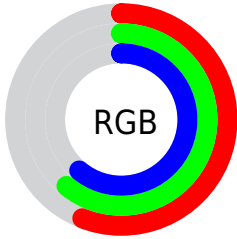
Format	Color
RYB	142, 149, 156
Decimal	9345948
CIELab	63.01, -4.41, -2.12
CIElCh	63, 4.891, 205.636
Yxy	31.5938, 0.2992, 0.3274
Android (android.graphics.Color)	4287536028 (0xFF8E9B9C)
YUV	151.2270, 2.3531, -8.0921
Hunter-Lab	56.2084, -6.6591, 1.3419

Details

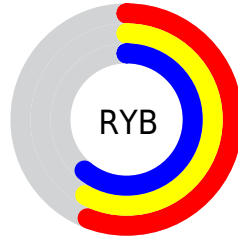
The XYZ color **28.8774, 31.5938, 36.0287** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4153, 28.6655, 29.6269**, and the grayscale version is **29.5061, 31.0427, 33.8055**.

A 20% lighter version of the original color is **57.1983, 61.9898, 69.9233**, and **11.9137, 13.1959, 15.2837** is the 20% darker color. If you saturate the color by 10%, you get **26.2021, 29.9422, 35.8514**, and if you desaturate by 10%, it is **31.9308, 33.4446, 36.2255**.

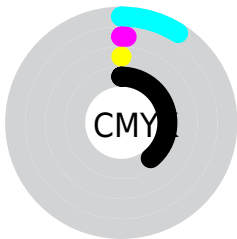
Distribution



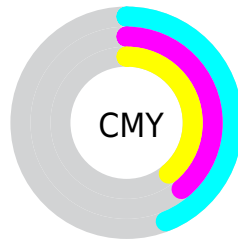
- Red (56%)
- Green (61%)
- Blue (61%)



- Red (56%)
- Yellow (58%)
- Blue (61%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8774, 31.5938, 36.0287 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 28.8774, 31.5938, 36.0287 by changing the saturation by 10% instead.

■ 28.8774, 31.5938,
36.0287

■ 28.8774, 31.5938,
36.0287

288.6407,
309.2647, 344.1272

■ 19.1319, 21.0514,
24.1665

■ 57.2812, 62.1738,
70.2459

■ 11.8702, 13.1616,
15.2438

■ 76.6701, 82.9801,
93.4380

■ 6.7269, 7.5399,
8.8422

■ 100.0043,
107.9766, 121.2438

■ 3.3367, 3.8020,
4.5430

127.6490,
137.5476, 154.0818

■ 1.3342, 1.5634,
1.9277

159.9697,
172.0775, 192.3706

■ 0.2086, 0.3328,
0.5103

197.3316,

■ 0.0000, 0.0000,

211.9508, 236.5288

0.0000

240.1002,
257.5517, 286.9748

■ 28.8774, 31.5938,
36.0287

■ 28.8774, 31.5938,
36.0287

■ 26.2021, 29.9422,
35.8514

■ 31.9308, 33.4446,
36.2255

■ 23.8867, 28.4777,
35.6908

■ 35.3743, 35.4982,
36.4404

■ 21.9157, 27.1933,
35.5467

■ 39.2224, 37.7629,
36.6747

■ 20.2711, 26.0797,
35.4185

■ 43.4884, 40.2456,
36.9291

■ 18.9335, 25.1269,
35.3050

■ 48.1848, 42.9527,
37.2041

■ 17.8813, 24.3236,
35.2055

■ 53.3234, 45.8904,
37.5003

■ 17.0902, 23.6575,
35.1186

■ 58.9160, 49.0646,
37.8182

■ 16.5318, 23.1138,
35.0431

■ 60.4975, 50.1737,
37.9489

■ 16.1464, 22.6618,
34.9761

■ 60.6971, 50.5729,
38.0154

Harmonies

Analogous

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



28.7571, 31.5938, 34.1191



28.8774, 31.5938, 36.0287



29.3045, 31.5938, 37.5510

Triad

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



28.8774, 31.5938, 36.0287



31.1098, 31.5938, 36.5347



30.1275, 31.5938, 30.8359

Complementary

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



28.8774, 31.5938, 36.0287



28.4153, 28.6655, 29.6269

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.



30.7653, 31.5938, 31.4310



28.8774, 31.5938, 36.0287



31.3378, 31.5938, 34.6830

Square

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



28.8774, 31.5938, 36.0287



30.5923, 31.5938, 37.8507



31.2107, 31.5938, 32.8217



29.4726, 31.5938, 31.1662

Rectangle

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



28.8774, 31.5938, 36.0287



29.7091, 31.5938, 38.1166



31.2107, 31.5938, 32.8217



30.3511, 31.5938, 30.9337

Sweetspot

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



28.8783, 31.5951, 36.0294



55.6455, 59.3278, 65.6453



27.9971, 31.5094, 30.5668



12.1495, 12.9972, 14.4387



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.



28.8783, 31.5951, 36.0294



51.3015, 56.6809, 65.3634



27.7569, 29.3523, 35.6556



6.7814, 7.4285, 8.4831



13.2793, 18.6501, 28.8072



0.2483, 0.3551, 0.5187

Inverse Universe

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



29.3004, 28.7810, 35.0230



52.2481, 50.3966, 63.1003



29.4890, 30.8128, 29.9848



6.8838, 6.7464, 8.2390



15.5010, 7.5050, 22.6868



0.2826, 0.1364, 0.4344

Previews

White Background



This preview shows how the XYZ color 28.8774, 31.5938, 36.0287 looks on a white background.

Color Contrast Check

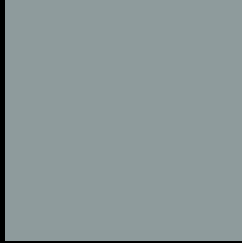
Large Text (above 18pt) WCAG AA × Fail

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 28.8774, 31.5938, 36.0287 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

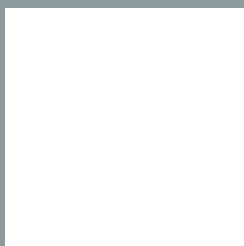
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.8774, 31.5938, 36.0287

Background



This preview shows how black text looks on a background with the XYZ color 28.8774, 31.5938, 36.0287.



This preview shows how white text looks on a background with the XYZ color 28.8774, 31.5938,

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

28.8774, 31.5938, 36.0287

Protanopia

30.2258, 31.3363, 35.0273

Deuteranopia

32.1928, 31.6135, 36.3036



Tritanopia

29.7758, 31.4649, 40.5804

Trichromacy



Original Color

28.8774, 31.5938, 36.0287

Protanomaly

29.7223, 31.3071, 35.4867

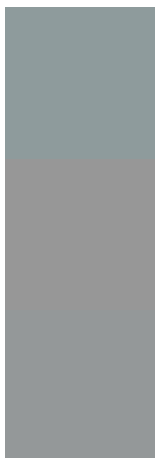
Deuteranomaly

31.0570, 31.7356, 36.3870

Tritanomaly

29.4049, 31.5595, 38.7242

Monochromacy



Original Color

28.8774, 31.5938, 36.0287

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.1907, 31.0523, 34.5922

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8774, 31.5938, 36.0287 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(142, 155, 156) looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 156)  
}
```

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(142, 155, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.8774, 31.5938, 36.0287 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(142, 155, 156) }
```


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

```
.border{ border-color:rgb(142, 155, 156) }
```

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

Here you see how a box with a 4 pixel rgb(142, 155, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 156);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8774, 31.5938, 36.0287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 156) }
```

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

```
.background{ background-color: rgb(142,  
155, 156) }
```

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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