

Converting Colors

XYZ(29.0705, 31.7718, 38.6372)

Have a look what the booklet for
XYZ(29.0705, 31.7718, 38.6372)
contains.

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Color

**XYZ(29.2253, 31.9610,
38.8112)**

Conversions

Conversions Part 1

Format	Color
Hex	8C9CA2
RGB	140, 156, 162
RGB Percent	55%, 61%, 64%
CMY	0.4510, 0.3882, 0.3647
CMYK	0.14, 0.04, 0.00, 0.36
HSL	196°, 11%, 59%
HSV	196°, 14%, 64%
XYZ	29.2253, 31.9610, 38.8112
YIQ	151.9000, -11.4620, -1.5260

Conversions

Conversions Part 2

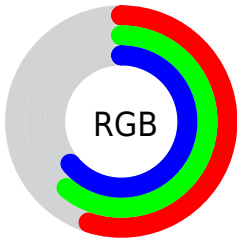
Format	Color
R_{YB}	140, 149, 162
Decimal	9215138
CIE _{Lab}	63.31, -4.38, -5.06
CIE _{LCh}	63, 6.695, 229.144
Yxy	31.9610, 0.2923, 0.3196
Android (android.graphics.Color)	4287405218 (0xFF8C9CA2)
YUV	151.9000, 4.9793, -10.4363
Hunter-Lab	56.5341, -6.6590, -1.1293

Details

The XYZ color **29.2253, 31.9610, 38.8112** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9131, 30.1327, 29.0512**, and the grayscale version is **29.7854, 31.3366, 34.1255**.

A 20% lighter version of the original color is **57.8191, 62.5723, 74.6759**, and **12.0825, 13.4026, 16.7020** is the 20% darker color. If you saturate the color by 10%, you get **25.9665, 29.2015, 38.4508**, and if you desaturate by 10%, it is **32.9148, 34.9843, 39.2008**.

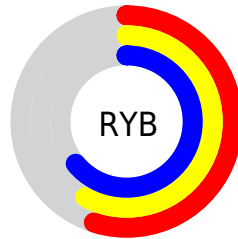
Distribution



Red (55%)

Green (61%)

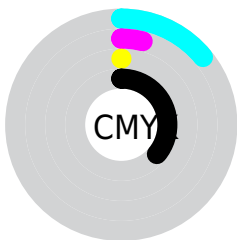
Blue (64%)



Red (55%)

Yellow (58%)

Blue (64%)

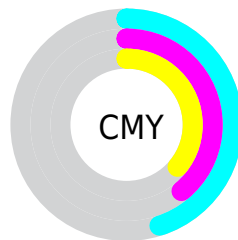


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2253, 31.9610, 38.8112 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 29.2253, 31.9610, 38.8112 by changing the saturation by 10% instead.

■ 29.2253, 31.9610,
38.8112

■ 29.2253, 31.9610,
38.8112

290.2516,
310.9416, 356.4891

■ 19.3965, 21.3317,
26.3062

■ 57.8299, 62.7499,
74.5670

■ 12.0628, 13.3667,
16.8250

■ 77.3364, 83.6784,
98.6548

■ 6.8590, 7.6815,
9.9492

■ 100.7996,
108.8087, 127.4407

■ 3.4196, 3.8919,
5.2601

128.5846,
138.5252, 161.3431

■ 1.3793, 1.6133,
2.3393

161.0570,
173.2124, 200.7806

■ 0.2414, 0.3665,
0.7531

198.5820,

■ 0.0000, 0.0000,

213.2545, 246.1717

0.0000

241.5251,
259.0361, 297.9350

■ 29.2253, 31.9610,
38.8112

■ 29.2253, 31.9610,
38.8112

■ 25.9665, 29.2015,
38.4508

■ 32.9148, 34.9843,
39.2008

■ 23.1178, 26.6922,
38.1166

■ 37.0490, 38.2763,
39.6183

■ 20.6612, 24.4242,
37.8083

■ 41.6446, 41.8470,
40.0653

■ 18.5759, 22.3863,
37.5249

■ 46.7164, 45.7046,
40.5426

■ 16.8394, 20.5665,
37.2652

■ 52.2789, 49.8566,
41.0508

■ 15.4263, 18.9513,
37.0279

■ 58.3457, 54.3107,
41.5908

■ 14.3077, 17.5253,
36.8116

■ 64.9299, 59.0739,
42.1632

■ 13.4492, 16.2703,
36.6146

■ 66.4661, 61.2775,
42.5076

■ 12.9806, 15.5264,
36.4957

■ 67.4462, 63.2376,
42.8342

Harmonies

Analogous

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



28.7229, 31.9610, 36.5034



29.2253, 31.9610, 38.8112



30.0430, 31.9610, 40.0655

Triad

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



29.2253, 31.9610, 38.8112



32.1648, 31.9610, 35.7718



29.7964, 31.9610, 30.1911

Complementary

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



29.2253, 31.9610, 38.8112



29.9131, 30.1327, 29.0512

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.



30.7154, 31.9610, 30.0175



29.2253, 31.9610, 38.8112



32.0955, 31.9610, 33.1506

Square

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



29.2253, 31.9610, 38.8112



31.7480, 31.9610, 38.2522



31.5606, 31.9610, 31.0753



29.0479, 31.9610, 31.5622

Rectangle

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



29.2253, 31.9610, 38.8112



30.6625, 31.9610, 40.0946



31.5606, 31.9610, 31.0753



30.0952, 31.9610, 29.9935

Sweetspot

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



29.2262, 31.9623, 38.8119



59.4027, 63.2270, 71.1293



28.9141, 33.4879, 32.0803



13.2268, 14.1076, 15.9634



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.2262, 31.9623, 38.8119



51.3692, 56.6127, 70.2760



27.4832, 28.4764, 38.2309



7.1121, 7.6831, 9.0112



10.2633, 12.3061, 28.7642



0.2517, 0.3306, 0.6164

Inverse Universe

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



30.2799, 28.8386, 35.4245



53.6386, 49.9849, 62.9576



31.6689, 33.6443, 29.6365



7.2815, 7.1691, 8.4689



14.3259, 7.0864, 14.1728



0.3192, 0.1562, 0.3935

Previews

White Background



This preview shows how the XYZ color 29.2253, 31.9610, 38.8112 looks on a white background.

Color Contrast Check

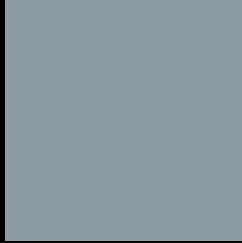
Large Text (above 18pt) WCAG AA × Fail

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 29.2253, 31.9610, 38.8112 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

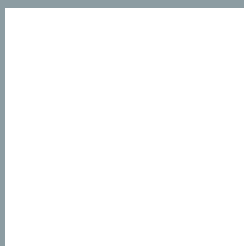
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2253, 31.9610, 38.8112

Background



This preview shows how black text looks on a background with the XYZ color 29.2253, 31.9610, 38.8112.



This preview shows how white text looks on a background with the XYZ color 29.2253, 31.9610,

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

29.2253, 31.9610, 38.8112

Protanopia

30.8998, 31.8646, 37.7796

Deuteranopia

32.4626, 31.9258, 39.1017



Tritanopia

29.6809, 31.8954, 41.1513

Trichromacy



Original Color

29.2253, 31.9610, 38.8112

Protanomaly

30.2187, 31.7452, 38.2530

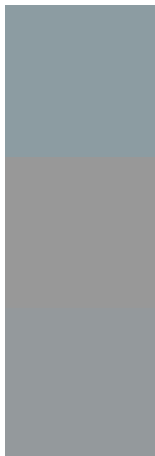
Deuteranomaly

31.3567, 32.0694, 39.1877

Tritanomaly

29.4974, 31.8220, 40.1849

Monochromacy



Original Color

29.2253, 31.9610, 38.8112

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.6047, 31.4787, 35.9681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2253, 31.9610, 38.8112 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(140, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 162)  
}
```

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(140, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 29.2253, 31.9610, 38.8112 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(140, 156, 162) }
```


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

```
.border{ border-color:rgb(140, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2253, 31.9610, 38.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 162) }
```

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

```
.background{ background-color: rgb(140,  
156, 162) }
```

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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