

Converting Colors

XYZ(29.6574, 32.0319, 36.5184)

Have a look what the booklet for
XYZ(29.6574, 32.0319, 36.5184)
contains.

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Color

**XYZ(29.6612, 31.9880,
36.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	929B9D
RGB	146, 155, 157
RGB Percent	57%, 61%, 62%
CMY	0.4274, 0.3921, 0.3843
CMYK	0.07, 0.01, 0.00, 0.38
HSL	191°, 5%, 59%
HSV	191°, 7%, 62%
XYZ	29.6612, 31.9880, 36.5093
YIQ	152.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

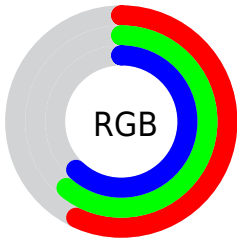
Format	Color
RYB	146, 151, 157
Decimal	9608093
CIELab	63.33, -2.81, -2.16
CIELCh	63, 3.544, 217.643
Yxy	31.9880, 0.3022, 0.3259
Android (android.graphics.Color)	4287798173 (0xFF929B9D)
YUV	152.5370, 2.2003, -5.7329
Hunter-Lab	56.5579, -5.3640, 1.3177

Details

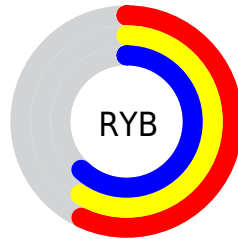
The XYZ color **29.6612, 31.9880, 36.5093** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.6830, 30.4230, 31.5024**, and the grayscale version is **30.0706, 31.6366, 34.4523**.

A 20% lighter version of the original color is **58.5035, 62.6338, 71.2934**, and **12.2711, 13.3741, 15.5704** is the 20% darker color. If you saturate the color by 10%, you get **26.5911, 29.7101, 36.2319**, and if you desaturate by 10%, it is **33.1277, 34.4887, 36.8098**.

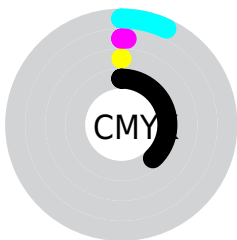
Distribution



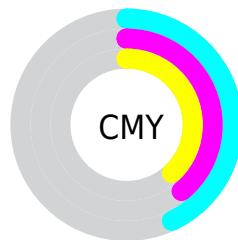
- Red (57%)
- Green (61%)
- Blue (62%)



- Red (57%)
- Yellow (59%)
- Blue (62%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (43%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6612, 31.9880, 36.5093 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 29.6612, 31.9880, 36.5093 by changing the saturation by 10% instead.

■ 29.6612, 31.9880,
36.5093

■ 29.6612, 31.9880,
36.5093

292.2603,
311.0646, 346.2857

■ 19.7284, 21.3523,
24.5350

■ 58.5163, 62.7923,
70.9953

■ 12.3049, 13.3818,
15.5151

■ 78.1692, 83.7297,
94.3441

■ 7.0253, 7.6920,
9.0311

101.7930,
108.8698, 122.3214

■ 3.5244, 3.8985,
4.6644

129.7528,
138.5970, 155.3459

■ 1.4368, 1.6169,
1.9964

162.4141,
173.2957, 193.8360

■ 0.2822, 0.3690,
0.5531

200.1422,

■ 0.0000, 0.0000,

213.3502, 238.2103

0.0000

243.3025,
259.1451, 288.8873

■ 29.6612, 31.9880,
36.5093

■ 29.6612, 31.9880,
36.5093

■ 26.5911, 29.7101,
36.2319

■ 33.1277, 34.4887,
36.8098

■ 23.8990, 27.6426,
35.9748

■ 37.0024, 37.2157,
37.1319

■ 21.5691, 25.7783,
35.7377

■ 41.3004, 40.1777,
37.4771

■ 19.5836, 24.1079,
35.5199

■ 46.0348, 43.3817,
37.8460

■ 17.9229, 22.6210,
35.3205

■ 51.2183, 46.8343,
38.2392

■ 16.5656, 21.3066,
35.1383

■ 56.8631, 50.5419,
38.6574

■ 15.4874, 20.1521,
34.9723

■ 62.6483, 54.3392,
39.0854

■ 14.6603, 19.1428,
34.8211

■ 63.2089, 55.4604,
39.2723

■ 14.0404, 18.2560,
34.6826

■ 63.7814, 56.6053,
39.4631

Harmonies

Analogous

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



29.4763, 31.9880, 35.1908



29.6612, 31.9880, 36.5093



30.0455, 31.9880, 37.3939

Triad

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



29.6612, 31.9880, 36.5093



31.2863, 31.9880, 35.8695



30.2781, 31.9880, 32.2145

Complementary

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



29.6612, 31.9880, 36.5093



29.6830, 30.4230, 31.5024

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.



30.7646, 31.9880, 32.3851



29.6612, 31.9880, 36.5093



31.3502, 31.9880, 34.4707

Square

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



29.6612, 31.9880, 36.5093



30.9847, 31.9880, 37.0176



31.1584, 31.9880, 33.2020



29.8299, 31.9880, 32.7294

Rectangle

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



29.6612, 31.9880, 36.5093



30.3648, 31.9880, 37.6052



31.1584, 31.9880, 33.2020



30.4425, 31.9880, 32.1938

Sweetspot

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



29.6621, 31.9894, 36.5100



56.1143, 59.4623, 65.6466



29.2436, 32.3583, 32.6528



12.3644, 13.0964, 14.4466



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.



29.6621, 31.9894, 36.5100



52.4545, 56.8006, 65.3257



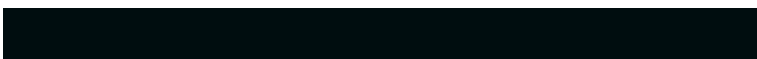
28.7936, 30.2523, 36.2205



6.7194, 7.3045, 8.4624



11.2887, 14.6690, 28.1437



0.2263, 0.3111, 0.5114

Inverse Universe

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



30.1006, 30.0930, 35.2340



53.3637, 52.8860, 62.6762



30.5393, 32.1357, 31.7878



6.8524, 6.7339, 8.0741



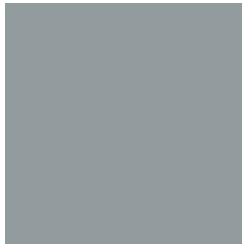
14.4962, 7.1031, 17.3960



0.2715, 0.1319, 0.3759

Previews

White Background



This preview shows how the XYZ color 29.6612, 31.9880, 36.5093 looks on a white background.

Color Contrast Check

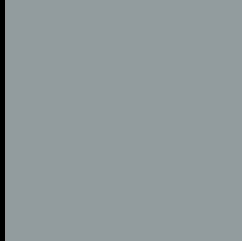
Large Text (above 18pt) WCAG AA × Fail

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 29.6612, 31.9880, 36.5093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

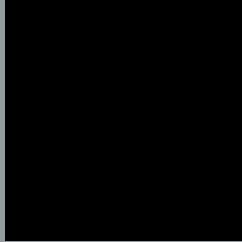
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

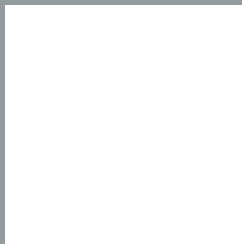
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6612, 31.9880, 36.5093

Background



This preview shows how black text looks on a background with the XYZ color 29.6612, 31.9880, 36.5093.



This preview shows how white text looks on a background with the XYZ color 29.6612, 31.9880,

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

29.6612, 31.9880, 36.5093

Protanopia

30.6622, 31.7916, 35.5307

Deuteranopia

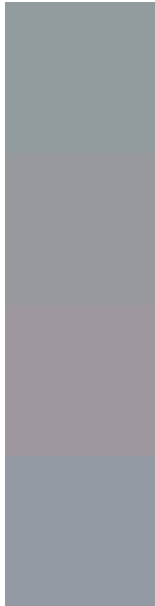
32.6449, 32.0705, 36.8174



Tritanopia

30.4712, 32.0674, 40.6600

Trichromacy



Original Color

29.6612, 31.9880, 36.5093

Protanomaly

30.3409, 31.8582, 36.0026

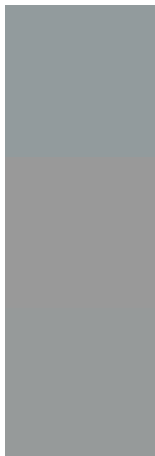
Deuteranomaly

31.5362, 31.9728, 36.8570

Tritanomaly

30.1991, 31.9586, 39.2273

Monochromacy



Original Color

29.6612, 31.9880, 36.5093

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9660, 31.9283, 35.1553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6612, 31.9880, 36.5093 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(146, 155, 157) looks like.

```
.text, #text, p{  
    color:rgb(146, 155, 157)  
}
```

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(146, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 155, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.6612, 31.9880, 36.5093 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(146, 155, 157) }
```


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

```
.border{ border-color:rgb(146, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(146, 155,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6612, 31.9880, 36.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 155, 157) }
```

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

```
.background{ background-color: rgb(146,  
155, 157) }
```

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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