

Converting Colors

XYZ(29.1061, 29.2300, 32.8273)

Have a look what the booklet for
XYZ(29.1061, 29.2300, 32.8273)
contains.

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Color

**XYZ(29.1886, 29.2164,
32.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9096
RGB	156, 144, 150
RGB Percent	61%, 56%, 59%
CMY	0.3882, 0.4353, 0.4118
CMYK	0.00, 0.08, 0.04, 0.39
HSL	330°, 6%, 59%
HSV	330°, 8%, 61%
XYZ	29.1886, 29.2164, 32.9551
YIQ	148.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

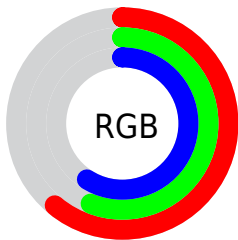
Format	Color
RYB	156, 144, 150
Decimal	10260630
CIELab	60.97, 5.56, -1.57
CIELCh	61, 5.777, 344.216
Yxy	29.2164, 0.3195, 0.3198
Android (android.graphics.Color)	4288450710 (0xFF9C9096)
YUV	148.2720, 0.8519, 6.7775
Hunter-Lab	54.0522, 1.8000, 1.6880

Details

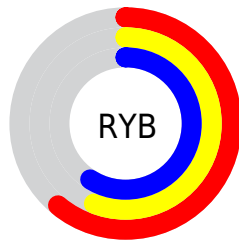
The XYZ color **29.1886, 29.2164, 32.9551** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8962, 31.9091, 33.4918**, and the grayscale version is **28.2575, 29.7291, 32.3750**.

A 20% lighter version of the original color is **57.6715, 58.4494, 65.3690**, and **12.0805, 11.9095, 13.4664** is the 20% darker color. If you saturate the color by 10%, you get **26.3799, 24.5708, 29.0220**, and if you desaturate by 10%, it is **32.3673, 34.5343, 37.2187**.

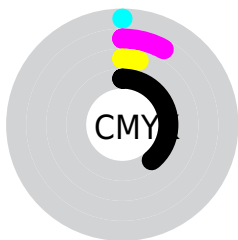
Distribution



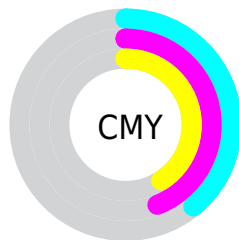
- Red (61%)
- Green (56%)
- Blue (59%)



- Red (61%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1886, 29.2164, 32.9551 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 29.1886, 29.2164, 32.9551 by changing the saturation by 10% instead.

■ 29.1886, 29.2164,
32.9551

■ 29.1886, 29.2164,
32.9551

290.0820,
298.2346, 330.0732

■ 19.3685, 19.2446,
21.8212

■ 57.7721, 58.4207,
65.4206

■ 12.0425, 11.8471,
13.5285

■ 77.2662, 78.4220,
87.5893

■ 6.8450, 6.6397,
7.6585

100.7158,
102.5353, 114.2734

■ 3.4108, 3.2378,
3.7926

128.4861,
131.1449, 145.8914

■ 1.3746, 1.2571,
1.5123

160.9425,
164.6352, 182.8618

■ 0.2380, 0.1076,
0.2270

198.4504,

■ 0.0000, 0.0000,

203.3907, 225.6032

0.0000

241.3751,
247.7957, 274.5342

■ 29.1886, 29.2164,
32.9551

■ 29.1886, 29.2164,
32.9551

■ 26.3799, 24.5708,
29.0220

■ 32.3673, 34.5343,
37.2187

■ 23.9246, 20.5668,
25.4087

■ 35.9269, 40.5461,
41.8191

■ 21.8085, 17.1768,
22.1068

■ 39.8808, 47.2771,
46.7651

■ 20.0154, 14.3699,
19.1067

■ 44.2411, 54.7502,
52.0642

■ 18.5277, 12.1123,
16.3981

■ 49.0193, 62.9873,
57.7239

■ 17.3262, 10.3669,
13.9700

■ 54.2264, 72.0095,
63.7514

■ 16.3891, 9.0918,
11.8104

■ 59.8732, 81.8368,
70.1537

■ 15.6912, 8.2384,
9.9062

■ 61.4067, 83.3625,
75.4164

■ 15.1897, 7.7223,
8.2378

■ 62.4176, 83.7669,
80.7398

Harmonies

Analogous

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



28.7931, 29.2164, 34.8828



29.1886, 29.2164, 32.9551



29.1992, 29.2164, 30.8025

Triad

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



29.1886, 29.2164, 32.9551



27.4146, 29.2164, 27.9524



26.7426, 29.2164, 34.7974

Complementary

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



29.1886, 29.2164, 32.9551



28.8962, 31.9091, 33.4918

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.



26.3869, 29.2164, 32.8427



29.1886, 29.2164, 32.9551



26.7700, 29.2164, 28.9263

Square

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



29.1886, 29.2164, 32.9551



28.1657, 29.2164, 27.9794



26.3968, 29.2164, 30.6950



27.3766, 29.2164, 35.9789

Rectangle

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



29.1886, 29.2164, 32.9551



28.9861, 29.2164, 29.5326



26.3968, 29.2164, 30.6950



26.5871, 29.2164, 34.2052

Sweetspot

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



29.1894, 29.2177, 32.9557



56.1935, 58.3712, 64.1571



28.5528, 28.8322, 35.5133



12.3808, 12.8706, 14.1385



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.



29.1894, 29.2177, 32.9557



52.2147, 51.7356, 58.7559



28.7186, 29.0294, 30.4766



6.7644, 6.6987, 7.6104



12.4428, 6.2817, 6.5828



0.2438, 0.1209, 0.2301

Inverse Universe

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



29.1894, 29.2177, 32.9557



52.2147, 51.7356, 58.7559



29.3917, 32.1073, 36.1012



6.7644, 6.6987, 7.6104



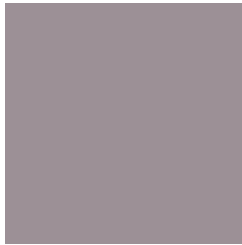
12.4428, 6.2817, 6.5828



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 29.1886, 29.2164, 32.9551 looks on a white background.

Color Contrast Check

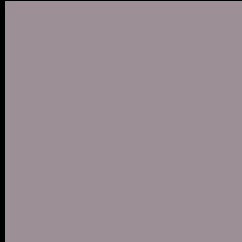
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1886, 29.2164, 32.9551 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 × Fail

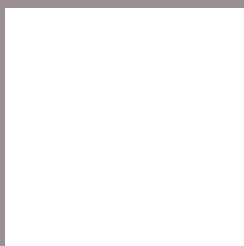
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.1886, 29.2164, 32.9551

Background



This preview shows how black text looks on a background with the XYZ color 29.1886, 29.2164, 32.9551.



This preview shows how white text looks on a background with the XYZ color 29.1886, 29.2164,

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

29.1886, 29.2164, 32.9551

Protanopia

28.0775, 29.0880, 33.4129

Deuteranopia

29.8247, 29.3205, 32.9417



Tritanopia

29.6435, 29.1796, 35.0802

Trichromacy



Original Color

29.1886, 29.2164, 32.9551

Protanomaly

28.4738, 29.0645, 33.3874

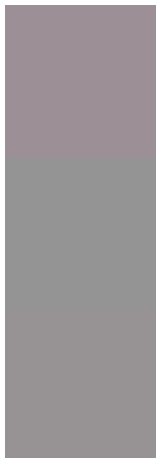
Deuteranomaly

29.6256, 29.2179, 32.9323

Tritanomaly

29.4769, 29.1129, 34.2028

Monochromacy



Original Color

29.1886, 29.2164, 32.9551

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6210, 29.6167, 32.6419

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1886, 29.2164, 32.9551 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(156, 144, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 150)  
}
```

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(156, 144, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.1886, 29.2164, 32.9551 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(156, 144, 150) }
```


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

```
.border{ border-color:rgb(156, 144, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 150);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1886, 29.2164, 32.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 150) }
```

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

```
.background{ background-color: rgb(156,  
144, 150) }
```

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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