

Converting Colors

XYZ(29.8396, 29.4451, 36.5037)

Have a look what the booklet for
XYZ(29.8396, 29.4451, 36.5037)
contains.

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Color

**XYZ(29.8551, 29.4831,
36.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	9C909E
RGB	156, 144, 158
RGB Percent	61%, 56%, 62%
CMY	0.3882, 0.4353, 0.3804
CMYK	0.01, 0.09, 0.00, 0.38
HSL	291°, 7%, 59%
HSV	291°, 9%, 62%
XYZ	29.8551, 29.4831, 36.4650
YIQ	149.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

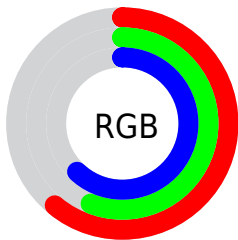
Format	Color
RYB	156, 144, 158
Decimal	10260638
CIELab	61.21, 7.10, -5.78
CIELCh	61, 9.153, 320.873
Yxy	29.4831, 0.3116, 0.3077
Android (android.graphics.Color)	4288450718 (0xFF9C909E)
YUV	149.1840, 4.3463, 5.9776
Hunter-Lab	54.2983, 3.1234, -1.8084

Details

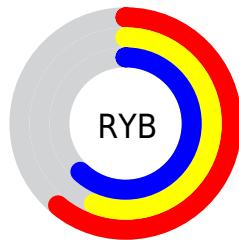
The XYZ color **29.8551, 29.4831, 36.4650** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1161, 32.5791, 31.1409**, and the grayscale version is **28.6267, 30.1175, 32.7980**.

A 20% lighter version of the original color is **59.0683, 59.0411, 71.2336**, and **12.4822, 12.0702, 15.5818** is the 20% darker color. If you saturate the color by 10%, you get **27.1950, 24.8051, 35.7027**, and if you desaturate by 10%, it is **32.8600, 34.8377, 37.3406**.

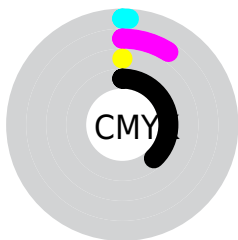
Distribution



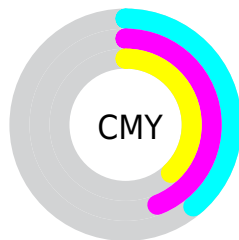
- Red (61%)
- Green (56%)
- Blue (62%)



- Red (61%)
- Yellow (56%)
- Blue (62%)



- Cyan (1%)
- Magenta (9%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8551, 29.4831, 36.4650 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 29.8551, 29.4831, 36.4650 by changing the saturation by 10% instead.

■ 29.8551, 29.4831,
36.4650

■ 29.8551, 29.4831,
36.4650

293.1504,
299.4876, 346.0871

■ 19.8762, 19.4466,
24.5010

■ 58.8212, 58.8438,
70.9263

■ 12.4128, 11.9934,
15.4901

■ 78.5390, 78.9367,
94.2607

■ 7.0997, 6.7392,
9.0136

102.2338,
103.1506, 122.2222

■ 3.5714, 3.2995,
4.6531

130.2710,
131.8697, 155.2296

■ 1.4626, 1.2900,
1.9901

163.0159,
165.4786, 193.7012

■ 0.3002, 0.1335,
0.5492

200.8339,

■ 0.0000, 0.0000,

204.3616, 238.0556

0.0000

244.0902,
248.9032, 288.7114

■ 29.8551, 29.4831,
36.4650

■ 29.8551, 29.4831,
36.4650

■ 27.1950, 24.8051,
35.7027

■ 32.8600, 34.8377,
37.3406

■ 24.8633, 20.7722,
35.0472

■ 36.2201, 40.8912,
38.3320

■ 22.8458, 17.3560,
34.4941

■ 39.9487, 47.6695,
39.4438

■ 21.1268, 14.5246,
34.0382

■ 44.0576, 55.1961,
40.6800

■ 19.6886, 12.2433,
33.6737

■ 48.5580, 63.4934,
42.0443

■ 18.5120, 10.4734,
33.3940

■ 53.4607, 72.5829,
43.5404

■ 17.5752, 9.1715,
33.1921

■ 58.7760, 82.4852,
45.1716

■ 16.8528, 8.2866,
33.0594

■ 59.4011, 82.9945,
45.2369

■ 16.2929, 7.7154,
32.9787

■ 59.9086, 83.2561,
45.2607

Harmonies

Analogous

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



28.8548, 29.4831, 38.6958



29.8551, 29.4831, 36.4650



30.3684, 29.4831, 33.1641

Triad

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



29.8551, 29.4831, 36.4650



28.3912, 29.4831, 25.9975



25.9173, 29.4831, 34.5198

Complementary

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



29.8551, 29.4831, 36.4650



29.1161, 32.5791, 31.1409

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.



25.8012, 29.4831, 31.0630



29.8551, 29.4831, 36.4650



27.2070, 29.4831, 26.3035

Square

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



29.8551, 29.4831, 36.4650



29.5074, 29.4831, 27.2341



26.2671, 29.4831, 28.1018



26.5888, 29.4831, 37.5182

Rectangle

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



29.8551, 29.4831, 36.4650



30.3555, 29.4831, 30.8691



26.2671, 29.4831, 28.1018



25.8128, 29.4831, 33.3675

Sweetspot

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



29.8560, 29.4844, 36.4656



57.3043, 59.0294, 67.1170



27.9688, 28.9880, 36.4693



12.8227, 13.1360, 15.1033



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.8560, 29.4844, 36.4656



53.0240, 51.4324, 65.8762



29.8328, 29.5202, 34.3068



6.8109, 6.7065, 8.3422



13.0249, 6.1436, 26.4066



0.2560, 0.1218, 0.4732

Inverse Universe

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



29.2632, 29.2923, 31.3074



51.6894, 51.0020, 54.1764



29.1464, 32.5505, 33.1398



6.6698, 6.6608, 7.1121



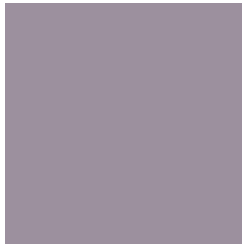
11.4230, 5.8738, 1.2126



0.2139, 0.1089, 0.0725

Previews

White Background



This preview shows how the XYZ color 29.8551, 29.4831, 36.4650 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 29.8551, 29.4831, 36.4650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

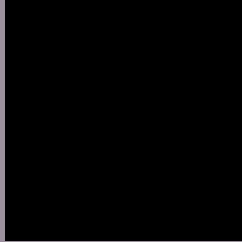
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8551, 29.4831, 36.4650

Background



This preview shows how black text looks on a background with the XYZ color 29.8551, 29.4831, 36.4650.



This preview shows how white text looks on a background with the XYZ color 29.8551, 29.4831,

36.4650.

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

29.8551, 29.4831, 36.4650

Protanopia

28.8115, 29.6085, 37.4542

Deuteranopia

30.0494, 29.5832, 36.4741



Tritanopia

29.6843, 29.4147, 35.5656

Trichromacy



Original Color

29.8551, 29.4831, 36.4650

Protanomaly

29.1146, 29.5450, 36.9691

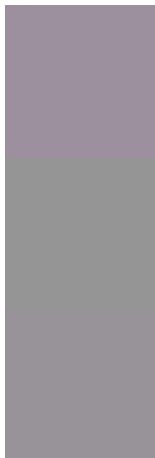
Deuteranomaly

30.0494, 29.5832, 36.4741

Tritanomaly

29.7694, 29.4488, 36.0135

Monochromacy



Original Color

29.8551, 29.4831, 36.4650

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.0501, 29.8098, 33.9285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8551, 29.4831, 36.4650 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 158) }
```

Border

The CSS property to change the border of an element to XYZ 29.8551, 29.4831, 36.4650 is called "border". The border property can be set on classes, ids or directly on the HTML element.

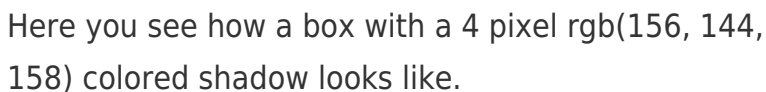
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 144, 158) }
```


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

```
.border{ border-color:rgb(156, 144, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 144, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 144, 158); box-shadow:4px 4px 4px 4px rgb(156, 144, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8551, 29.4831, 36.4650 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, 158) }
```

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

```
.background{ background-color: rgb(156,  
144, 158) }
```

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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