

Converting Colors

XYZ(29.4638, 29.3490, 33.3902)

Have a look what the booklet for
XYZ(29.4638, 29.3490, 33.3902)
contains.

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Color

**XYZ(29.4638, 29.3490,
33.3902)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9097
RGB	157, 144, 151
RGB Percent	62%, 56%, 59%
CMY	0.3843, 0.4353, 0.4078
CMYK	0.00, 0.08, 0.04, 0.38
HSL	328°, 6%, 59%
HSV	328°, 8%, 62%
XYZ	29.4638, 29.3490, 33.3902
YIQ	148.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

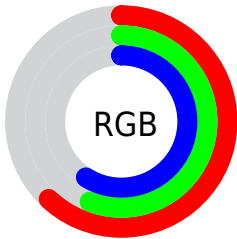
Format	Color
RYB	157, 144, 151
Decimal	10326167
CIELab	61.09, 6.11, -1.96
CIElCh	61, 6.421, 342.233
Yxy	29.3490, 0.3196, 0.3183
Android (android.graphics.Color)	4288516247 (0xFF9D9097)
YUV	148.6850, 1.1413, 7.2923
Hunter-Lab	54.1747, 2.2744, 1.3793

Details

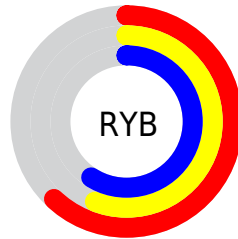
The XYZ color **29.4638, 29.3490, 33.3902** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0647, 32.2460, 33.5479**, and the grayscale version is **28.4292, 29.9098, 32.5717**.

A 20% lighter version of the original color is **58.3649, 58.7930, 66.0296**, and **12.2468, 11.9897, 13.7254** is the 20% darker color. If you saturate the color by 10%, you get **26.6789, 24.6920, 29.6468**, and if you desaturate by 10%, it is **32.6173, 34.6845, 37.4357**.

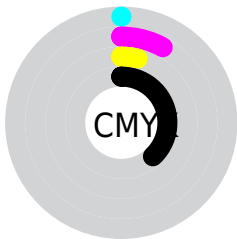
Distribution



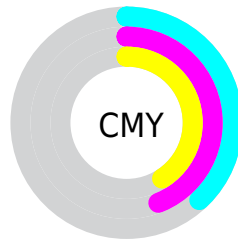
- Red (62%)
- Green (56%)
- Blue (59%)



- Red (62%)
- Yellow (56%)
- Blue (59%)



- Cyan (0%)
- Magenta (8%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4638, 29.3490, 33.3902 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 29.4638, 29.3490, 33.3902 by changing the saturation by 10% instead.

■ 29.4638, 29.3490,
33.3902

■ 29.4638, 29.3490,
33.3902

291.3519,
298.8581, 332.0901

■ 19.5780, 19.3450,
22.1520

■ 58.2056, 58.6311,
66.1073

■ 12.1951, 11.9198,
13.7692

■ 77.7924, 78.6780,
88.4232

■ 6.9499, 6.6891,
7.8234

101.3435,
102.8413, 115.2687

■ 3.4768, 3.2684,
3.8960

129.2243,
131.5055, 147.0625

■ 1.4106, 1.2734,
1.5685

161.8002,
165.0548, 184.2230

■ 0.2638, 0.1205,
0.2682

199.4366,

■ 0.0000, 0.0000,

203.8738, 227.1687

0.0000

242.4987,
248.3467, 276.3182

■ 29.4638, 29.3490,
33.3902

■ 29.4638, 29.3490,
33.3902

■ 26.6789, 24.6920,
29.6468

■ 32.6173, 34.6845,
37.4357

■ 24.2458, 20.6822,
26.1957

■ 36.1503, 40.7204,
41.7891

■ 22.1502, 17.2916,
23.0292

■ 40.0764, 47.4824,
46.4581

■ 20.3759, 14.4887,
20.1385

■ 44.4076, 54.9940,
51.4498

■ 18.9050, 12.2392,
17.5143

■ 49.1555, 63.2771,
56.7709

■ 17.7181, 10.5050,
15.1464

■ 54.3312, 72.3533,
62.4280

■ 16.7930, 9.2434,
13.0238

■ 59.9455, 82.2429,
68.4273

■ 16.1044, 8.4047,
11.1341

■ 61.1712, 83.2907,
73.1625

■ 15.6047, 7.8951,
9.4576

■ 62.0891, 83.6579,
77.9965

Harmonies

Analogous

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



28.9964, 29.3490, 35.5092



29.4638, 29.3490, 33.3902



29.5057, 29.3490, 30.9848

Triad

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



29.4638, 29.3490, 33.3902



27.5541, 29.3490, 27.6404



26.7151, 29.3490, 35.1711

Complementary

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



29.4638, 29.3490, 33.3902



29.0647, 32.2460, 33.5479

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.



26.3446, 29.3490, 32.9474



29.4638, 29.3490, 33.3902



26.8225, 29.3490, 28.6483

Square

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



29.4638, 29.3490, 33.3902



28.3917, 29.3490, 27.7456



26.3836, 29.3490, 30.5636



27.4048, 29.3490, 36.5724

Rectangle

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



29.4638, 29.3490, 33.3902



29.2857, 29.3490, 29.5491



26.3836, 29.3490, 30.5636



26.5497, 29.3490, 34.4904

Sweetspot

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



29.4646, 29.3503, 33.3908



56.2121, 58.3787, 64.2550



28.6103, 28.8521, 35.9597



12.3846, 12.8722, 14.1587



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.



29.4646, 29.3503, 33.3908



51.7626, 50.8737, 58.4742



28.9628, 29.1495, 30.7482



6.7748, 6.7029, 7.6655



12.6284, 6.3559, 7.5601



0.2471, 0.1221, 0.2471

Inverse Universe

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



29.4646, 29.3503, 33.3908



51.7626, 50.8737, 58.4742



29.5899, 32.4561, 36.3136



6.7748, 6.7029, 7.6655



12.6284, 6.3559, 7.5601



0.2471, 0.1221, 0.2471

Previews

White Background



This preview shows how the XYZ color 29.4638, 29.3490, 33.3902 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 29.4638, 29.3490, 33.3902 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 29.4638, 29.3490, 33.3902

Background



This preview shows how black text looks on a background with the XYZ color 29.4638, 29.3490, 33.3902.



This preview shows how white text looks on a background with the XYZ color 29.4638, 29.3490,

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

29.4638, 29.3490, 33.3902

Protanopia

28.5779, 29.5569, 34.3358

Deuteranopia

29.9056, 29.3529, 33.3676



Tritanopia

29.8394, 29.2806, 35.0894

Trichromacy



Original Color

29.4638, 29.3490, 33.3902

Protanomaly

28.8953, 29.5002, 33.8769

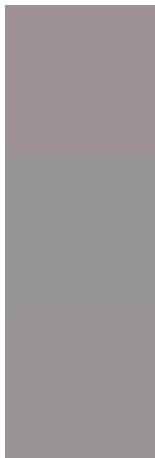
Deuteranomaly

29.7065, 29.2502, 33.3583

Tritanomaly

29.7557, 29.2471, 34.6488

Monochromacy



Original Color

29.4638, 29.3490, 33.3902

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.8876, 29.7448, 33.0729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4638, 29.3490, 33.3902 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(157, 144, 151)` looks like.

```
.text, #text, p{  
    color:rgb(157, 144, 151)  
}
```

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(157, 144, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 144, 151) }
```

Border

The CSS property to change the border of an element to XYZ 29.4638, 29.3490, 33.3902 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(157, 144, 151) }
```


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

```
.border{ border-color:rgb(157, 144, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 144, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 144, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 144, 151);  
box-shadow:4px 4px 4px 4px rgb(157, 144,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4638, 29.3490, 33.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 144, 151) }
```

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

```
.background{ background-color: rgb(157,  
144, 151) }
```

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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