

Converting Colors

XYZ(29.5830, 27.9170, 32.5548)

Have a look what the booklet for
XYZ(29.5830, 27.9170, 32.5548)
contains.

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Color

**XYZ(29.5549, 27.8799,
32.6778)**

Conversions

Conversions Part 1

Format	Color
Hex	A38996
RGB	163, 137, 150
RGB Percent	64%, 54%, 59%
CMY	0.3608, 0.4627, 0.4118
CMYK	0.00, 0.16, 0.08, 0.36
HSL	330°, 12%, 59%
HSV	330°, 16%, 64%
XYZ	29.5549, 27.8799, 32.6778
YIQ	146.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

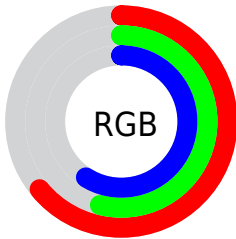
Format	Color
RYB	163, 137, 150
Decimal	10717590
CIELab	59.78, 12.10, -3.25
CIELCh	60, 12.531, 344.973
Yxy	27.8799, 0.3280, 0.3094
Android (android.graphics.Color)	4288907670 (0xFFA38996)
YUV	146.2560, 1.8458, 14.6845
Hunter-Lab	52.8014, 7.5105, 0.2675

Details

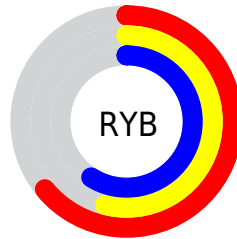
The XYZ color **29.5549, 27.8799, 32.6778** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9198, 33.7154, 33.8392**, and the grayscale version is **27.4167, 28.8445, 31.4117**.

A 20% lighter version of the original color is **58.2260, 56.0920, 64.8847**, and **12.2159, 11.0967, 13.3024** is the 20% darker color. If you saturate the color by 10%, you get **26.7770, 23.3380, 28.6256**, and if you desaturate by 10%, it is **32.7301, 33.1426, 37.0884**.

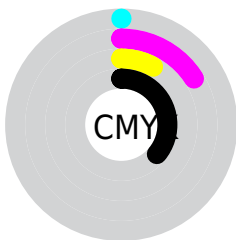
Distribution



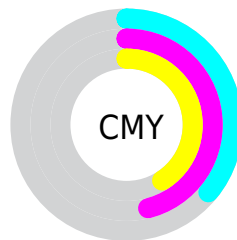
- Red (64%)
- Green (54%)
- Blue (59%)



- Red (64%)
- Yellow (54%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (8%)
- Black (36%)



- Cyan (36%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5549, 27.8799, 32.6778 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 29.5549, 27.8799, 32.6778 by changing the saturation by 10% instead.

■ 29.5549, 27.8799,
32.6778

■ 29.5549, 27.8799,
32.6778

291.7714,
291.8926, 328.7828

■ 19.6474, 18.2351,
21.6106

■ 58.3490, 56.2926,
64.9824

■ 12.2458, 11.1189,
13.3755

■ 77.9664, 75.8294,
87.0569

■ 6.9847, 6.1469,
7.5539

■ 101.5510, 99.4323,
113.6375

■ 3.4988, 2.9346,
3.7272

129.4683,
127.4857, 145.1430

■ 1.4227, 1.0977,
1.4769

162.0837,
160.3741, 181.9916

■ 0.2723, 0.0000,
0.2006

199.7624,

■ 0.0000, 0.0000,

198.4818, 224.6021

0.0000

242.8698,
242.1931, 273.3930

■ 29.5549, 27.8799,
32.6778

■ 29.5549, 27.8799,
32.6778

■ 26.7770, 23.3380,
28.6256

■ 32.7301, 33.1426,
37.0884

■ 24.3776, 19.4816,
24.9199

■ 36.3157, 39.1522,
41.8652

■ 22.3394, 16.2778,
21.5507

■ 40.3274, 45.9378,
47.0181

■ 20.6434, 13.6897,
18.5067

■ 44.7790, 53.5261,
52.5557

■ 19.2682, 11.6765,
15.7759

■ 49.6838, 61.9422,
58.4866

■ 18.1902, 10.1925,
13.3451

■ 55.0547, 71.2105,
64.8191

■ 17.3822, 9.1849,
11.1998

■ 60.9037, 81.3540,
71.5611

■ 16.8075, 8.5825,
9.3222

■ 63.1569, 84.2236,
77.3583

■ 16.6080, 8.3881,
8.6253

■ 64.2321, 84.6537,
83.0205

Harmonies

Analogous

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



28.7134, 27.8799, 36.9641



29.5549, 27.8799, 32.6778



29.5557, 27.8799, 28.1554

Triad

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



29.5549, 27.8799, 32.6778



25.7189, 27.8799, 22.6765



24.3995, 27.8799, 36.9574

Complementary

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



29.5549, 27.8799, 32.6778



28.9198, 33.7154, 33.8392

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.



23.6607, 27.8799, 32.6694



29.5549, 27.8799, 32.6778



24.4015, 27.8799, 24.5873

Square

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



29.5549, 27.8799, 32.6778



27.2976, 27.8799, 22.6782



23.6614, 27.8799, 28.1478



25.7161, 27.8799, 39.5974

Rectangle

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



29.5549, 27.8799, 32.6778



29.0774, 27.8799, 25.6203



23.6614, 27.8799, 28.1478



24.0777, 27.8799, 35.6430

Sweetspot

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



29.5557, 27.8811, 32.6784



59.1371, 60.2235, 67.1284



28.1353, 27.0211, 38.3832



13.1905, 13.3734, 14.9526



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.



29.5557, 27.8811, 32.6784



51.1597, 47.0215, 55.9826



28.5663, 27.4854, 27.4681



7.2145, 7.1423, 8.1161



12.9304, 6.5282, 6.8242



0.2956, 0.1467, 0.2690

Inverse Universe

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



29.5557, 27.8811, 32.6784



51.1597, 47.0215, 55.9826



30.0254, 34.1576, 39.6611



7.2145, 7.1423, 8.1161



12.9304, 6.5282, 6.8242



0.2956, 0.1467, 0.2690

Previews

White Background



This preview shows how the XYZ color 29.5549, 27.8799, 32.6778 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 29.5549, 27.8799, 32.6778 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 29.5549, 27.8799, 32.6778

Background



This preview shows how black text looks on a background with the XYZ color 29.5549, 27.8799, 32.6778.



This preview shows how white text looks on a background with the XYZ color 29.5549, 27.8799,

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

29.5549, 27.8799, 32.6778

Protanopia

27.1568, 27.9073, 34.5272

Deuteranopia

28.5132, 27.9940, 32.3343



Tritanopia

29.3952, 27.8160, 31.8367

Trichromacy



Original Color

29.5549, 27.8799, 32.6778

Protanomaly

28.0371, 27.9290, 34.0501

Deuteranomaly

28.9555, 28.0061, 32.3134

Tritanomaly

29.4747, 27.8478, 32.2554

Monochromacy



Original Color

29.5549, 27.8799, 32.6778

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.0378, 28.4269, 31.6130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5549, 27.8799, 32.6778 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(163, 137, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 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(163, 137, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.5549, 27.8799, 32.6778 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(163, 137, 150) }
```


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

```
.border{ border-color:rgb(163, 137, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 137, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5549, 27.8799, 32.6778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 150) }
```

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

```
.background{ background-color: rgb(163,  
137, 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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