

Converting Colors

XYZ(29.2753, 29.9922, 28.8802)

Have a look what the booklet for
XYZ(29.2753, 29.9922, 28.8802)
contains.

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Color

**XYZ(29.2679, 30.0300,
29.0647)**

Conversions

Conversions Part 1

Format	Color
Hex	9E938C
RGB	158, 147, 140
RGB Percent	62%, 58%, 55%
CMY	0.3804, 0.4235, 0.4510
CMYK	0.00, 0.07, 0.11, 0.38
HSL	23°, 8%, 58%
HSV	23°, 11%, 62%
XYZ	29.2679, 30.0300, 29.0647
YIQ	149.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

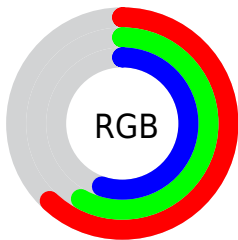
Format	Color
RYB	158, 151, 140
Decimal	10392460
CIELab	61.68, 2.81, 5.16
CIELCh	62, 5.873, 61.390
Yxy	30.0300, 0.3312, 0.3398
Android (android.graphics.Color)	4288582540 (0xFF9E938C)
YUV	149.4910, -4.6791, 7.4624
Hunter-Lab	54.7996, -0.5644, 6.9134

Details

The XYZ color **29.2679, 30.0300, 29.0647** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.0533, 30.1767, 36.6942**, and the grayscale version is **28.7912, 30.2906, 32.9865**.

A 20% lighter version of the original color is **58.0648, 59.8145, 59.5239**, and **12.0917, 12.2297, 11.3961** is the 20% darker color. If you saturate the color by 10%, you get **26.7472, 26.7208, 22.8834**, and if you desaturate by 10%, it is **32.0836, 33.6607, 36.1704**.

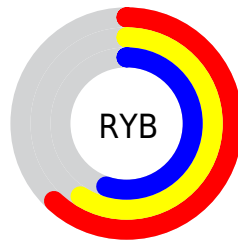
Distribution



Red (62%)

Green (58%)

Blue (55%)



Red (62%)

Yellow (59%)

Blue (55%)

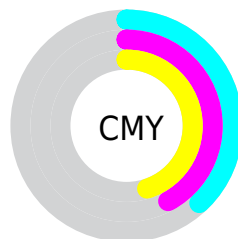


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2679, 30.0300, 29.0647 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 29.2679, 30.0300, 29.0647 by changing the saturation by 10% instead.

■ 29.2679, 30.0300,
29.0647

■ 29.2679, 30.0300,
29.0647

290.4483,
302.0443, 311.5906

■ 19.4289, 19.8614,
18.8838

■ 57.8971, 59.7096,
59.2233

■ 12.0864, 12.2943,
11.4104

■ 77.4179, 79.9894,
80.0380

■ 6.8752, 6.9444,
6.2259

■ 100.8968,
104.4083, 105.2344

■ 3.4298, 3.4274,
2.9119

128.6990,
133.3508, 135.2310

■ 1.3849, 1.3587,
1.0498

161.1899,
167.2013, 170.4464

■ 0.2454, 0.1860,
0.0000

198.7348,

■ 0.0000, 0.0000,

206.3441, 211.2991

0.0000

241.6992,
251.1636, 258.2077

■ 29.2679, 30.0300,
29.0647

■ 29.2679, 30.0300,
29.0647

■ 26.7472, 26.7208,
22.8834

■ 32.0836, 33.6607,
36.1704

■ 24.5087, 23.7201,
17.5862

■ 35.2014, 37.6176,
44.2348

■ 22.5426, 21.0200,
13.1326

■ 38.6314, 41.9103,
53.2926

■ 20.8373, 18.6102,
9.4782

■ 42.3822, 46.5466,
63.3764

■ 19.3802, 16.4805,
6.5746

■ 46.4624, 51.5344,
74.5171

■ 18.1578, 14.6193,
4.3677

■ 50.8799, 56.8809,
86.7444

■ 17.1548, 13.0146,
2.7964

■ 55.6427, 62.5935,
100.0869

■ 16.3537, 11.6527,
1.7887

■ 58.8675, 67.9227,
104.6155

■ 15.7947, 10.6572,
1.2246

■ 61.5394, 73.2666,
105.5061

Harmonies

Analogous

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



29.8441, 30.0300, 30.5078



29.2679, 30.0300, 29.0647



28.5062, 30.0300, 28.5830

Triad

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



29.2679, 30.0300, 29.0647



27.0672, 30.0300, 32.8020



29.3321, 30.0300, 36.5088

Complementary

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



29.2679, 30.0300, 29.0647



28.0533, 30.1767, 36.6942

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.



28.5791, 30.0300, 37.1892



29.2679, 30.0300, 29.0647



27.2795, 30.0300, 34.9897

Square

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



29.2679, 30.0300, 29.0647



27.2442, 30.0300, 30.6807



27.8294, 30.0300, 36.6212



29.8816, 30.0300, 34.8009

Rectangle

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



29.2679, 30.0300, 29.0647



27.9983, 30.0300, 28.8536



27.8294, 30.0300, 36.6212



29.0939, 30.0300, 36.8687

Sweetspot

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



29.2687, 30.0313, 29.0653



57.3736, 59.9880, 63.4154



29.0730, 28.2633, 33.2442



12.8420, 13.4051, 14.0608



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.



29.2687, 30.0313, 29.0653



51.7782, 52.7454, 49.3784



30.7062, 32.9063, 29.5445



6.8341, 7.0483, 6.9859



12.6859, 8.6075, 0.9928



0.2665, 0.2333, 0.0310

Inverse Universe

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



28.0533, 30.1767, 36.6942



49.0658, 53.0692, 66.4008



26.6750, 27.4203, 36.2348



6.6050, 7.0757, 8.4243



8.3706, 8.8328, 27.1710



0.1898, 0.2383, 0.4992

Previews

White Background



This preview shows how the XYZ color 29.2679, 30.0300, 29.0647 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 29.2679, 30.0300, 29.0647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

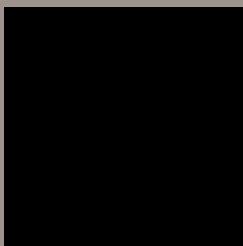
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2679, 30.0300, 29.0647

Background



This preview shows how black text looks on a background with the XYZ color 29.2679, 30.0300, 29.0647.



This preview shows how white text looks on a background with the XYZ color 29.2679, 30.0300,

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

29.2679, 30.0300, 29.0647

Protanopia

28.7240, 29.9729, 29.4707

Deuteranopia

30.7173, 30.0851, 29.3873



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

29.2679, 30.0300, 29.0647

Protanomaly

28.9152, 30.0715, 29.4797

Deuteranomaly

30.2430, 30.0664, 29.4087

Tritanomaly

30.0820, 30.1307, 33.0845

Monochromacy



Original Color

29.2679, 30.0300, 29.0647

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7271, 29.9305, 31.4572

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2679, 30.0300, 29.0647 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(158, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 147, 140)  
}
```

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(158, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.2679, 30.0300, 29.0647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

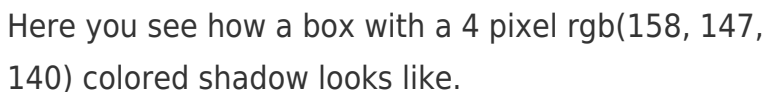
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 147, 140) }
```


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

```
.border{ border-color:rgb(158, 147, 140) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 147, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 147, 140); box-shadow:4px 4px 4px 4px rgb(158, 147, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2679, 30.0300, 29.0647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 147, 140) }
```

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

```
.background{ background-color: rgb(158,  
147, 140) }
```

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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