

Converting Colors

XYZ(29.7034, 27.9505, 37.0209)

Have a look what the booklet for
XYZ(29.7034, 27.9505, 37.0209)
contains.

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Color

**XYZ(29.5889, 27.8003,
37.0642)**

Conversions

Conversions Part 1

Format	Color
Hex	9F89A0
RGB	159, 137, 160
RGB Percent	62%, 54%, 63%
CMY	0.3765, 0.4627, 0.3725
CMYK	0.01, 0.14, 0.00, 0.37
HSL	297°, 11%, 58%
HSV	297°, 14%, 63%
XYZ	29.5889, 27.8003, 37.0642
YIQ	146.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

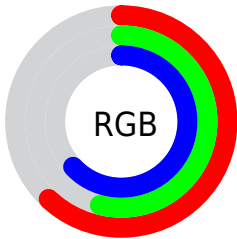
Format	Color
RYB	159, 137, 160
Decimal	10455456
CIELab	59.71, 12.54, -9.12
CIElCh	60, 15.505, 323.994
Yxy	27.8003, 0.3133, 0.2943
Android (android.graphics.Color)	4288645536 (0xFF9F89A0)
YUV	146.2000, 6.8034, 11.2256
Hunter-Lab	52.7260, 7.9006, -4.7702

Details

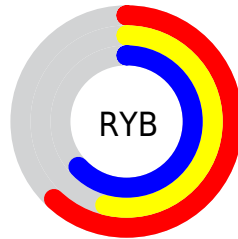
The XYZ color **29.5889, 27.8003, 37.0642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.5684, 32.3517, 28.4598**, and the grayscale version is **27.3756, 28.8013, 31.3646**.

A 20% lighter version of the original color is **58.4108, 56.0293, 72.0261**, and **12.2319, 11.0463, 15.9555** is the 20% darker color. If you saturate the color by 10%, you get **27.3438, 23.5138, 36.3556**, and if you desaturate by 10%, it is **32.1737, 32.7642, 37.8865**.

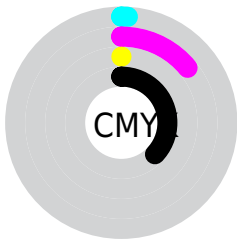
Distribution



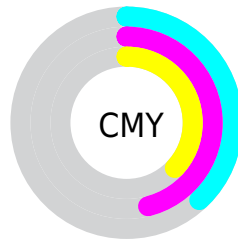
- Red (62%)
- Green (54%)
- Blue (63%)



- Red (62%)
- Yellow (54%)
- Blue (63%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (37%)



- Cyan (38%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5889, 27.8003, 37.0642 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 29.5889, 27.8003, 37.0642 by changing the saturation by 10% instead.

■ 29.5889, 27.8003,
37.0642

■ 29.5889, 27.8003,
37.0642

291.9278,
291.5114, 348.7654

■ 19.6733, 18.1752,
24.9610

■ 58.4025, 56.1655,
71.8589

■ 12.2647, 11.0758,
15.8293

■ 78.0313, 75.6743,
95.3876

■ 6.9977, 6.1179,
9.2504

■ 101.6284, 99.2464,
123.5618

■ 3.5070, 2.9169,
4.8058

129.5593,
127.2664, 156.8002

■ 1.4272, 1.0885,
2.0770

162.1894,
160.1184, 195.5211

■ 0.2755, 0.0000,
0.6021

199.8839,

■ 0.0000, 0.0000,

198.1870, 240.1433

0.0000

243.0083,
241.8566, 291.0853

■ 29.5889, 27.8003,
37.0642

■ 29.5889, 27.8003,
37.0642

■ 27.3438, 23.5138,
36.3556

■ 32.1737, 32.7642,
37.8865

■ 25.4211, 19.8716,
35.7539

■ 35.1097, 38.4295,
38.8253

■ 23.8058, 16.8429,
35.2544

■ 38.4107, 44.8239,
39.8855

■ 22.4807, 14.3934,
34.8515

■ 42.0892, 51.9720,
41.0714

■ 21.4268, 12.4851,
34.5387

■ 46.1569, 59.8976,
42.3868

■ 20.6228, 11.0757,
34.3090

■ 50.6254, 68.6233,
43.8355

■ 20.0445, 10.1165,
34.1543

■ 55.5053, 78.1708,
45.4212

■ 19.6624, 9.5484,
34.0648

■ 57.5321, 82.0109,
46.0556

■ 19.4906, 9.3148,
34.0288

■ 57.6767, 82.0855,
46.0623

Harmonies

Analogous

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



27.9848, 27.8003, 41.2327



29.5889, 27.8003, 37.0642



30.3490, 27.8003, 31.4125

Triad

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



29.5889, 27.8003, 37.0642



26.8194, 27.8003, 20.7595



23.1295, 27.8003, 34.8716

Complementary

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



29.5889, 27.8003, 37.0642



27.5684, 32.3517, 28.4598

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.



22.8518, 27.8003, 29.1552



29.5889, 27.8003, 37.0642



24.9211, 27.8003, 21.4458

Square

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



29.5889, 27.8003, 37.0642



28.7000, 27.8003, 22.3553



23.4920, 27.8003, 24.3610



24.2704, 27.8003, 39.8614

Rectangle

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



29.5889, 27.8003, 37.0642



30.2491, 27.8003, 27.7355



23.4920, 27.8003, 24.3610



22.9346, 27.8003, 32.9540

Sweetspot

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



29.5897, 27.8015, 37.0648



58.5661, 59.7756, 68.8376



25.7729, 26.0778, 36.9333



12.7656, 12.9580, 15.0720



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.



29.5897, 27.8015, 37.0648



52.4582, 48.0535, 66.8969



28.9206, 27.5569, 32.5022



6.8757, 6.7399, 8.3452



15.1926, 7.2611, 26.5080



0.2795, 0.1339, 0.4743

Inverse Universe

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



28.0313, 27.2011, 27.8190



49.1202, 46.7686, 47.0464



28.1823, 32.5783, 32.5518



6.6442, 6.6506, 6.9773



11.3271, 5.8354, 0.7076



0.2056, 0.1056, 0.0286

Previews

White Background



This preview shows how the XYZ color 29.5889, 27.8003, 37.0642 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 29.5889, 27.8003, 37.0642 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 29.5889, 27.8003, 37.0642

Background



This preview shows how black text looks on a background with the XYZ color 29.5889, 27.8003, 37.0642.



This preview shows how white text looks on a background with the XYZ color 29.5889, 27.8003,

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

29.5889, 27.8003, 37.0642

Protanopia

27.5078, 27.9880, 39.0744

Deuteranopia

28.3986, 27.8387, 36.6775



Tritanopia

28.6423, 27.8353, 32.7173

Trichromacy



Original Color

29.5889, 27.8003, 37.0642

Protanomaly

28.3485, 27.9900, 38.5588

Deuteranomaly

28.8171, 27.8385, 36.6554

Tritanomaly

29.0218, 27.7792, 34.4041

Monochromacy



Original Color

29.5889, 27.8003, 37.0642

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.1709, 28.4586, 33.2864

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5889, 27.8003, 37.0642 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(159, 137, 160)` looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 160)  
}
```

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(159, 137, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.5889, 27.8003, 37.0642 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(159, 137, 160) }
```


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

```
.border{ border-color:rgb(159, 137, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 137, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 137, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 137, 160);  
box-shadow:4px 4px 4px 4px rgb(159, 137,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5889, 27.8003, 37.0642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 137, 160) }
```

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

```
.background{ background-color: rgb(159,  
137, 160) }
```

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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