

Converting Colors

XYZ(29.5251, 30.1031, 34.6948)

Have a look what the booklet for
XYZ(29.5251, 30.1031, 34.6948)
contains.

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Color

**XYZ(29.5929, 30.0706,
34.8163)**

Conversions

Conversions Part 1

Format	Color
Hex	9A939A
RGB	154, 147, 154
RGB Percent	60%, 58%, 60%
CMY	0.3961, 0.4235, 0.3961
CMYK	0.00, 0.05, 0.00, 0.40
HSL	300°, 3%, 59%
HSV	300°, 5%, 60%
XYZ	29.5929, 30.0706, 34.8163
YIQ	149.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

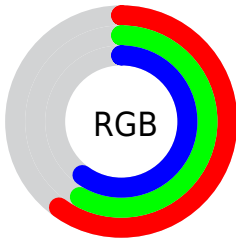
Format	Color
RYB	154, 147, 154
Decimal	10130330
CIELab	61.72, 3.91, -2.77
CIELCh	62, 4.790, 324.641
Yxy	30.0706, 0.3132, 0.3183
Android (android.graphics.Color)	4288320410 (0xFF9A939A)
YUV	149.8910, 2.0257, 3.6036
Hunter-Lab	54.8367, 0.3643, 0.7419

Details

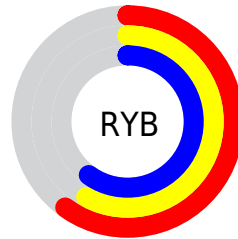
The XYZ color **29.5929, 30.0706, 34.8163** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8559, 31.4217, 32.1495**, and the grayscale version is **28.9351, 30.4420, 33.1513**.

A 20% lighter version of the original color is **58.2842, 59.7373, 68.1330**, and **12.2246, 12.2286, 14.5480** is the 20% darker color. If you saturate the color by 10%, you get **27.3570, 25.5985, 34.0713**, and if you desaturate by 10%, it is **32.1511, 35.1865, 35.6695**.

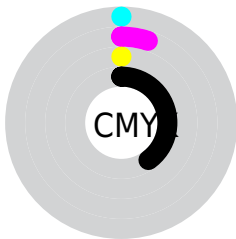
Distribution



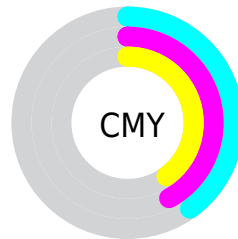
- Red (60%)
- Green (58%)
- Blue (60%)



- Red (60%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (40%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5929, 30.0706, 34.8163 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 29.5929, 30.0706, 34.8163 by changing the saturation by 10% instead.

■ 29.5929, 30.0706,
34.8163

■ 29.5929, 30.0706,
34.8163

291.9462,
302.2334, 338.6363

■ 19.6763, 19.8922,
23.2390

■ 58.4088, 59.7738,
68.3494

■ 12.2669, 12.3167,
14.5631

■ 78.0389, 80.0674,
91.1423

■ 6.9992, 6.9597,
8.3701

101.6375,
104.5015, 118.5108

■ 3.5079, 3.4369,
4.2415

129.5700,
133.4605, 150.8735

■ 1.4277, 1.3639,
1.7588

162.2018,
167.3288, 188.6488

■ 0.2758, 0.1899,
0.4005

199.8982,

■ 0.0000, 0.0000,

206.4908, 232.2554

0.0000

243.0246,
251.3308, 282.1117

■ 29.5929, 30.0706,
34.8163

■ 29.5929, 30.0706,
34.8163

■ 27.3570, 25.5985,
34.0713

■ 32.1511, 35.1865,
35.6695

■ 25.4283, 21.7410,
33.4282

■ 35.0409, 40.9662,
36.6329

■ 23.7940, 18.4725,
32.8833

■ 38.2747, 47.4336,
37.7110

■ 22.4397, 15.7639,
32.4317

■ 41.8630, 54.6103,
38.9072

■ 21.3497, 13.5839,
32.0683

■ 45.8164, 62.5170,
40.2252

■ 20.5067, 11.8980,
31.7871

■ 50.1447, 71.1735,
41.6680

■ 19.8915, 10.6676,
31.5819

■ 54.8573, 80.5987,
43.2391

■ 19.4818, 9.8483,
31.4453

■ 54.9197, 80.7233,
43.2600

■ 19.2504, 9.3856,
31.3680

■ 54.9197, 80.7234,
43.2601

Harmonies

Analogous

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



29.0955, 30.0706, 36.0385



29.5929, 30.0706, 34.8163



29.8195, 30.0706, 33.0709

Triad

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



29.5929, 30.0706, 34.8163



28.6959, 30.0706, 29.3684



27.4811, 30.0706, 34.2278

Complementary

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



29.5929, 30.0706, 34.8163



28.8559, 31.4217, 32.1495

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.



27.3777, 30.0706, 32.4149



29.5929, 30.0706, 34.8163



28.0730, 30.0706, 29.6525

Square

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



29.5929, 30.0706, 34.8163



29.2967, 30.0706, 29.9606



27.5928, 30.0706, 30.7513



27.8775, 30.0706, 35.6900

Rectangle

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



29.5929, 30.0706, 34.8163



29.7840, 30.0706, 31.8622



27.5928, 30.0706, 30.7513



27.4112, 30.0706, 33.6374

Sweetspot

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



29.5938, 30.0719, 34.8170



55.3280, 57.7658, 63.7701



28.3005, 29.4052, 34.7565



12.5295, 13.0876, 14.4361



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.



29.5938, 30.0719, 34.8170



53.5174, 54.1447, 63.1665



29.3065, 29.9570, 33.3044



6.6539, 6.7089, 7.8732



15.6093, 7.4979, 25.5311



0.2334, 0.1121, 0.3817

Inverse Universe

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



29.5938, 30.0719, 34.8170



53.5174, 54.1447, 63.1665



29.1347, 31.5332, 33.6177



6.6539, 6.7089, 7.8732



15.6093, 7.4979, 25.5311



0.2334, 0.1121, 0.3817

Previews

White Background



This preview shows how the XYZ color 29.5929, 30.0706, 34.8163 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.5929, 30.0706, 34.8163 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

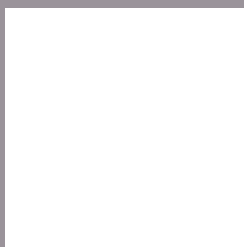
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5929, 30.0706, 34.8163

Background



This preview shows how black text looks on a background with the XYZ color 29.5929, 30.0706, 34.8163.



This preview shows how white text looks on a background with the XYZ color 29.5929, 30.0706,

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

29.5929, 30.0706, 34.8163

Protanopia

29.0840, 30.0304, 35.2739

Deuteranopia

30.6561, 30.1610, 34.7777



Tritanopia

29.9680, 29.9950, 36.5579

Trichromacy



Original Color

29.5929, 30.0706, 34.8163

Protanomaly

29.2688, 30.1257, 35.2826

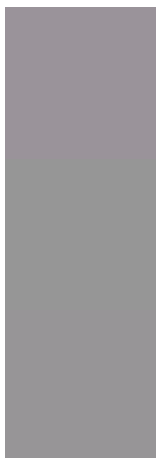
Deuteranomaly

30.2122, 30.1600, 34.8010

Tritanomaly

29.8823, 29.9607, 36.1063

Monochromacy



Original Color

29.5929, 30.0706, 34.8163

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.0959, 30.3086, 33.5948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5929, 30.0706, 34.8163 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(154, 147, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 147, 154)  
}
```

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(154, 147, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 147, 154) }
```

Border

The CSS property to change the border of an element to XYZ 29.5929, 30.0706, 34.8163 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(154, 147, 154) }
```


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

```
.border{ border-color:rgb(154, 147, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 147, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 147, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 147, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 147,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5929, 30.0706, 34.8163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 147, 154) }
```

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

```
.background{ background-color: rgb(154,  
147, 154) }
```

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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