

Converting Colors

XYZ(29.0931, 30.6829, 35.4239)

Have a look what the booklet for
XYZ(29.0931, 30.6829, 35.4239)
contains.

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Color

**XYZ(29.1957, 30.7957,
35.4157)**

Conversions

Conversions Part 1

Format	Color
Hex	94979B
RGB	148, 151, 155
RGB Percent	58%, 59%, 61%
CMY	0.4196, 0.4078, 0.3922
CMYK	0.05, 0.03, 0.00, 0.39
HSL	214°, 3%, 59%
HSV	214°, 5%, 61%
XYZ	29.1957, 30.7957, 35.4157
YIQ	150.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

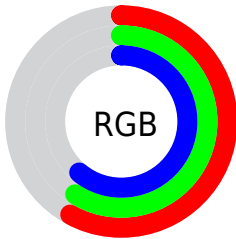
Format	Color
RYB	148, 150, 155
Decimal	9738139
CIELab	62.33, -0.29, -2.48
CIELCh	62, 2.501, 263.400
Yxy	30.7957, 0.3060, 0.3228
Android (android.graphics.Color)	4287928219 (0xFF94979B)
YUV	150.5590, 2.1894, -2.2442
Hunter-Lab	55.4939, -3.2042, 1.0074

Details

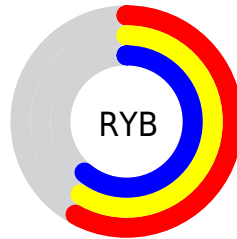
The XYZ color **29.1957, 30.7957, 35.4157** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0910, 31.5626, 32.5235**, and the grayscale version is **29.2197, 30.7414, 33.4774**.

A 20% lighter version of the original color is **57.6971, 60.8226, 69.0206**, and **11.9856, 12.6552, 14.9077** is the 20% darker color. If you saturate the color by 10%, you get **25.2065, 26.7042, 34.8367**, and if you desaturate by 10%, it is **33.6691, 35.2973, 36.0493**.

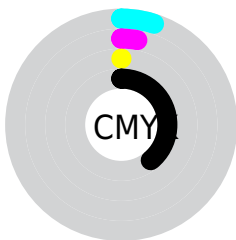
Distribution



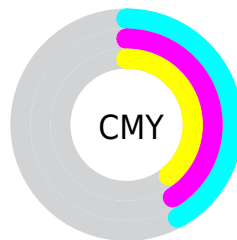
- Red (58%)
- Green (59%)
- Blue (61%)



- Red (58%)
- Yellow (59%)
- Blue (61%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1957, 30.7957, 35.4157 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 29.1957, 30.7957, 35.4157 by changing the saturation by 10% instead.

■ 29.1957, 30.7957,
35.4157

■ 29.1957, 30.7957,
35.4157

290.1148,
305.5960, 341.3593

■ 19.3739, 20.4433,
23.6972

■ 57.7833, 60.9183,
69.2881

■ 12.0464, 12.7177,
14.8990

■ 77.2798, 81.4573,
92.2791

■ 6.8477, 7.2345,
8.6027

100.7320,
106.1606, 119.8646

■ 3.4125, 3.6092,
4.3897

128.5051,
135.4127, 152.4632

■ 1.3755, 1.4574,
1.8415

160.9646,
169.5978, 190.4934

■ 0.2387, 0.2585,
0.4551

198.4758,

■ 0.0000, 0.0000,

209.1005, 234.3738

0.0000

241.4041,
254.3051, 284.5229

■ 29.1957, 30.7957,
35.4157

■ 29.1957, 30.7957,
35.4157

■ 25.2065, 26.7042,
34.8367

■ 33.6691, 35.2973,
36.0493

■ 21.6817, 23.0065,
34.3087

■ 38.6403, 40.2168,
36.7368

■ 18.6039, 19.6911,
33.8310

■ 44.1256, 45.5666,
37.4804

■ 15.9538, 16.7441,
33.4019

■ 50.1398, 51.3577,
38.2812

■ 13.7102, 14.1508,
33.0196

■ 56.6971, 57.6004,
39.1405

■ 11.8504, 11.8955,
32.6823

■ 63.8111, 64.3046,
40.0596

■ 10.3487, 9.9607,
32.3880

■ 70.9403, 71.1942,
41.0137

■ 9.1764, 8.3272,
32.1344

■ 73.2271, 75.7678,
41.7760

■ 8.2983, 6.9723,
31.9192

■ 75.6373, 80.5882,
42.5793

Harmonies

Analogous

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



28.8843, 30.7957, 35.0489



29.1957, 30.7957, 35.4157



29.5294, 30.7957, 35.2698

Triad

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



29.1957, 30.7957, 35.4157



29.8713, 30.7957, 32.7970



28.7514, 30.7957, 32.4330

Complementary

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



29.1957, 30.7957, 35.4157



30.0910, 31.5626, 32.5235

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.



29.0129, 30.7957, 31.8508



29.1957, 30.7957, 35.4157



29.6599, 30.7957, 32.0581

Square

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



29.1957, 30.7957, 35.4157



29.9212, 30.7957, 33.7458



29.3452, 30.7957, 31.7149



28.6291, 30.7957, 33.3177

Rectangle

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



29.1957, 30.7957, 35.4157



29.7195, 30.7957, 34.9028



29.3452, 30.7957, 31.7149



28.8258, 30.7957, 32.1961

Sweetspot

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



29.1966, 30.7970, 35.4164



54.9883, 57.8876, 63.8115



29.5992, 32.0049, 34.3094



12.4572, 13.1135, 14.4450



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.



29.1966, 30.7970, 35.4164



51.8486, 54.7076, 63.3632



28.8040, 29.8862, 35.2613



6.4285, 6.7845, 7.8997



6.3767, 5.1500, 25.5657



0.1304, 0.1472, 0.3939

Inverse Universe

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



29.6940, 30.3832, 33.5793



52.8513, 53.8782, 59.6588



30.4952, 32.5037, 32.6839



6.5639, 6.6729, 7.3993



11.6774, 5.9252, 4.8263



0.1923, 0.0957, 0.1654

Previews

White Background



This preview shows how the XYZ color 29.1957, 30.7957, 35.4157 looks on a white background.

Color Contrast Check

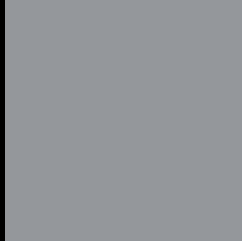
Large Text (above 18pt) WCAG AA × Fail

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 29.1957, 30.7957, 35.4157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

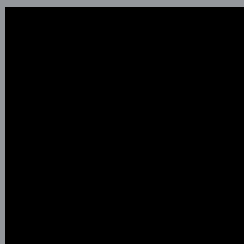
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1957, 30.7957, 35.4157

Background



This preview shows how black text looks on a background with the XYZ color 29.1957, 30.7957, 35.4157.



This preview shows how white text looks on a background with the XYZ color 29.1957, 30.7957,

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

29.1957, 30.7957, 35.4157

Protanopia

29.6880, 30.8212, 34.9562

Deuteranopia

31.3839, 30.7446, 35.7327



Tritanopia

29.8224, 30.8109, 38.5577

Trichromacy



Original Color

29.1957, 30.7957, 35.4157

Protanomaly

29.5016, 30.7251, 34.9475

Deuteranomaly

30.6912, 30.8492, 35.7894

Tritanomaly

29.5588, 30.7055, 37.1697

Monochromacy



Original Color

29.1957, 30.7957, 35.4157

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.3118, 30.8842, 34.1221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1957, 30.7957, 35.4157 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(148, 151, 155) looks like.

```
.text, #text, p{  
    color:rgb(148, 151, 155)  
}
```

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(148, 151, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 151, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.1957, 30.7957, 35.4157 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(148, 151, 155) }
```


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

```
.border{ border-color:rgb(148, 151, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 151, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 151, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 151, 155);  
box-shadow:4px 4px 4px 4px rgb(148, 151,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1957, 30.7957, 35.4157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 151, 155) }
```

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

```
.background{ background-color: rgb(148,  
151, 155) }
```

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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