

Converting Colors

XYZ(34.1161, 30.9912, 57.6099)

Have a look what the booklet for
XYZ(34.1161, 30.9912, 57.6099)
contains.

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Color

**XYZ(34.1161, 30.9912,
57.6099)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8FC6
RGB	158, 143, 198
RGB Percent	62%, 56%, 78%
CMY	0.3804, 0.4392, 0.2235
CMYK	0.20, 0.28, 0.00, 0.22
HSL	256°, 33%, 67%
HSV	256°, 28%, 78%
XYZ	34.1161, 30.9912, 57.6099
YIQ	153.7550, -8.7150, 20.2850

Conversions

Conversions Part 2

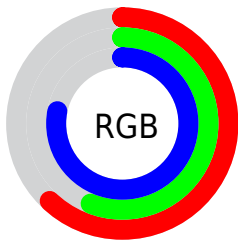
Format	Color
R_{YB}	158, 143, 198
Decimal	10391494
CIE _{Lab}	62.50, 16.98, -26.42
CIE _{LCh}	63, 31.401, 302.727
Yxy	30.9912, 0.2780, 0.2525
Android (android.graphics.Color)	4288581574 (0xFF9E8FC6)
YUV	153.7550, 21.8128, 3.7229
Hunter-Lab	55.6697, 11.9682, -22.3875

Details

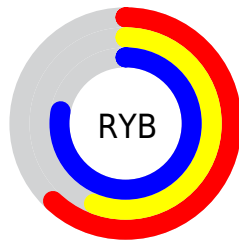
The XYZ color **34.1161, 30.9912, 57.6099** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.6812, 52.4393, 33.7547**, and the grayscale version is **30.5189, 32.1082, 34.9659**.

A 20% lighter version of the original color is **65.4568, 61.2986, 102.9896**, and **14.8923, 12.9065, 28.0919** is the 20% darker color. If you saturate the color by 10%, you get **28.7336, 24.1872, 56.5808**, and if you desaturate by 10%, it is **40.3572, 39.0181, 58.8308**.

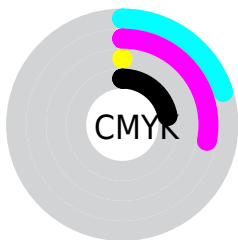
Distribution



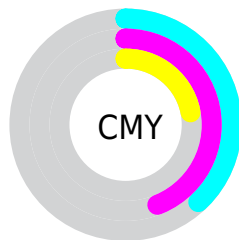
- Red (62%)
- Green (56%)
- Blue (78%)



- Red (62%)
- Yellow (56%)
- Blue (78%)



- Cyan (20%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1161, 30.9912, 57.6099 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 34.1161, 30.9912, 57.6099 by changing the saturation by 10% instead.

■ 34.1161, 30.9912,
57.6099

■ 34.1161, 30.9912,
57.6099

312.2262,
306.4978, 433.2884

■ 23.1461, 20.5921,
41.0825

■ 65.4573, 61.2262,
102.8637

■ 14.8227, 12.8262,
28.0634

■ 86.5592, 81.8310,
132.4272

■ 8.7806, 7.3090,
18.1340

■ 111.7691,
106.6064, 167.1731

■ 4.6543, 3.6561,
10.8758

141.4523,
135.9369, 207.5201

■ 2.0785, 1.4831,
5.8702

175.9743,
170.2069, 253.8865

■ 0.6775, 0.2768,
2.6988

215.7004,

■ 0.0000, 0.0000,

209.8008, 306.6910

0.9428

260.9959,
255.1030, 366.3521

■ 0.0000, 0.0000,
0.0000

■ 34.1161, 30.9912,
57.6099

■ 34.1161, 30.9912,
57.6099

■ 28.7336, 24.1872,
56.5808

■ 40.3572, 39.0181,
58.8308

■ 24.1676, 18.5411,
55.7316

■ 47.4902, 48.3207,
60.2505

■ 20.3770, 13.9879,
55.0526

■ 55.5504, 58.9535,
61.8780

■ 17.3156, 10.4542,
54.5318

■ 64.5701, 70.9664,
63.7213

■ 14.9319, 7.8574,
54.1562

■ 74.5803, 84.4071,
65.7880

■ 13.1669, 6.1014,
53.9103

■ 83.4013, 94.9025,
67.3489

■ 11.9398, 5.0486,
53.7718

■ 87.1931, 96.8573,
67.5264

■ 11.7145, 4.8615,
53.7476

Harmonies

Analogous

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



29.8481, 30.9912, 63.0612



34.1161, 30.9912, 57.6099



37.3633, 30.9912, 45.6913

Triad

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



34.1161, 30.9912, 57.6099



33.3762, 30.9912, 16.8773



22.0005, 30.9912, 34.8740

Complementary

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



34.1161, 30.9912, 57.6099



44.6812, 52.4393, 33.7547

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.



22.7517, 30.9912, 24.0854



34.1161, 30.9912, 57.6099



29.0677, 30.9912, 15.3008

Square

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



34.1161, 30.9912, 57.6099



36.9079, 30.9912, 22.5724



25.2412, 30.9912, 17.5912



23.0817, 30.9912, 48.1013

Rectangle

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



34.1161, 30.9912, 57.6099



38.3630, 30.9912, 36.8057



25.2412, 30.9912, 17.5912



22.0472, 30.9912, 30.8573

Sweetspot

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



34.1171, 30.9925, 57.6106



83.6347, 84.9618, 106.5990



38.5240, 43.9224, 59.8741



17.4678, 17.6174, 22.7298



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.1171, 30.9925, 57.6106



54.7815, 47.7321, 100.9337



40.0642, 34.0583, 57.8889



10.3236, 10.4251, 13.3856



7.6895, 3.1983, 34.9564



0.4357, 0.1884, 1.6585

Inverse Universe

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



41.6592, 35.0707, 49.3741



70.3472, 56.1582, 83.5130



38.8310, 49.4234, 33.4809



10.9549, 10.7653, 12.7458



18.4565, 9.1321, 18.1454



0.9032, 0.4441, 1.0133

Previews

White Background



This preview shows how the XYZ color 34.1161, 30.9912, 57.6099 looks on a white background.

Color Contrast Check

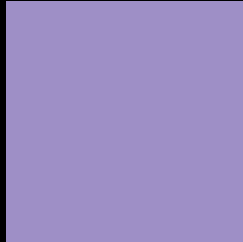
Large Text (above 18pt) WCAG AA × Fail

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 34.1161, 30.9912, 57.6099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

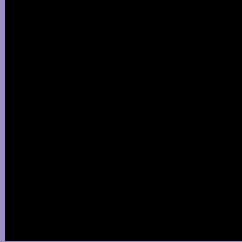
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.1161, 30.9912, 57.6099

Background



This preview shows how black text looks on a background with the XYZ color 34.1161, 30.9912, 57.6099.



This preview shows how white text looks on a background with the XYZ color 34.1161, 30.9912,

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

34.1161, 30.9912, 57.6099

Protanopia

31.6803, 31.0409, 60.8217

Deuteranopia

31.8100, 31.1888, 57.1668



Tritanopia

30.3768, 31.0967, 38.5837

Trichromacy



Original Color

34.1161, 30.9912, 57.6099

Protanomaly

32.4779, 31.0138, 59.5328

Deuteranomaly

32.5444, 31.1017, 57.1113

Tritanomaly

31.4980, 30.8326, 44.8486

Monochromacy



Original Color

34.1161, 30.9912, 57.6099

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.6796, 31.6835, 42.4760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1161, 30.9912, 57.6099 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, 143, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 143, 198)  
}
```

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, 143, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 143, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.1161, 30.9912, 57.6099 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, 143, 198) }
```


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

```
.border{ border-color:rgb(158, 143, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 143, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 143, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 143, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 143,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1161, 30.9912, 57.6099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 143, 198) }
```

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

```
.background{ background-color: rgb(158,  
143, 198) }
```

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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