

Converting Colors

XYZ(34.8793, 33.0738, 58.1225)

Have a look what the booklet for
XYZ(34.8793, 33.0738, 58.1225)
contains.

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Color

**XYZ(34.8097, 32.9578,
57.9529)**

Conversions

Conversions Part 1

Format	Color
Hex	9C96C6
RGB	156, 150, 198
RGB Percent	61%, 59%, 78%
CMY	0.3882, 0.4118, 0.2235
CMYK	0.21, 0.24, 0.00, 0.22
HSL	247°, 30%, 68%
HSV	247°, 24%, 78%
XYZ	34.8097, 32.9578, 57.9529
YIQ	157.2660, -11.8320, 16.2000

Conversions

Conversions Part 2

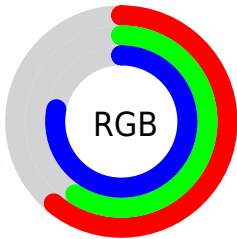
Format	Color
R_{YB}	156, 150, 198
Decimal	10262214
CIE _{Lab}	64.13, 12.36, -23.93
CIE _{LCh}	64, 26.935, 297.310
Yxy	32.9578, 0.2769, 0.2622
Android (android.graphics.Color)	4288452294 (0xFF9C96C6)
YUV	157.2660, 20.0819, -1.1103
Hunter-Lab	57.4089, 7.7674, -19.6656

Details

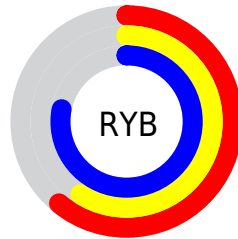
The XYZ color **34.8097, 32.9578, 57.9529** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **47.4382, 53.7974, 36.7392**, and the grayscale version is **32.0846, 33.7555, 36.7597**.

A 20% lighter version of the original color is **66.5068, 64.2546, 103.5048**, and **15.2048, 13.8804, 28.2634** is the 20% darker color. If you saturate the color by 10%, you get **28.7964, 25.5578, 56.8420**, and if you desaturate by 10%, it is **41.8372, 41.6747, 59.2656**.

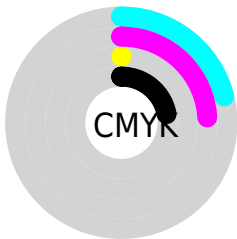
Distribution



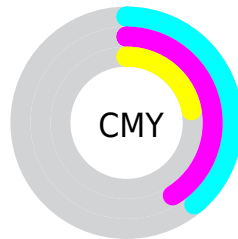
- Red (61%)
- Green (59%)
- Blue (78%)



- Red (61%)
- Yellow (59%)
- Blue (78%)



- Cyan (21%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8097, 32.9578, 57.9529 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 34.8097, 32.9578, 57.9529 by changing the saturation by 10% instead.

■ 34.8097, 32.9578,
57.9529

■ 34.8097, 32.9578,
57.9529

315.2503,
315.4595, 434.6038

■ 23.6821, 22.0941,
41.3563

■ 66.5268, 64.3096,
103.3684

■ 15.2215, 13.9261,
28.2758

■ 87.8471, 85.5666,
133.0243

■ 9.0623, 8.0693,
18.2928

113.2957,
111.0567, 167.8706

■ 4.8393, 4.1393,
10.9888

143.2379,
141.1645, 208.3255

■ 2.1870, 1.7518,
5.9452

178.0391,
176.2743, 254.8078

■ 0.7359, 0.4569,
2.7436

218.0647,

■ 0.0000, 0.0000,

216.7704, 307.7359

0.9652

263.6800,
263.0374, 367.5284

■ 0.0000, 0.0000,
0.0000

■ 34.8097, 32.9578,
57.9529

■ 34.8097, 32.9578,
57.9529

■ 28.7964, 25.5578,
56.8420

■ 41.8372, 41.6747,
59.2656

■ 23.7472, 19.4067,
55.9209

■ 49.9195, 51.7640,
60.7870

■ 19.6124, 14.4364,
55.1794

■ 59.0991, 63.2832,
62.5266

■ 16.3365, 10.5706,
54.6059

■ 69.4149, 76.2850,
64.4925

■ 13.8581, 7.7242,
54.1871

■ 80.9042, 90.8196,
66.6925

■ 12.1072, 5.7993,
53.9079

■ 87.1931, 96.8573,
67.5264

■ 11.0013, 4.6785,
53.7498

■ 10.5879, 4.2807,
53.6948

Harmonies

Analogous

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



30.9827, 32.9578, 61.2002



34.8097, 32.9578, 57.9529



37.9072, 32.9578, 48.4574

Triad

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



34.8097, 32.9578, 57.9529



35.4528, 32.9578, 20.9606



24.5600, 32.9578, 34.9093

Complementary

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



34.8097, 32.9578, 57.9529



47.4382, 53.7974, 36.7392

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.



25.5533, 32.9578, 25.7009



34.8097, 32.9578, 57.9529



31.6706, 32.9578, 18.7372

Square

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



34.8097, 32.9578, 57.9529



38.2991, 32.9578, 27.0911



28.0817, 32.9578, 20.2797



25.2542, 32.9578, 46.4027

Rectangle

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



34.8097, 32.9578, 57.9529



39.0331, 32.9578, 40.6967



28.0817, 32.9578, 20.2797



24.7057, 32.9578, 31.4692

Sweetspot

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



34.8108, 32.9591, 57.9536



84.1030, 86.2924, 106.8311



41.7093, 48.4373, 60.5776



17.8093, 18.2299, 22.8300



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.



34.8108, 32.9591, 57.9536



55.8925, 51.2730, 101.5586



39.8298, 35.5466, 58.1885



10.1778, 10.3499, 13.3788



6.9255, 2.8045, 34.9207



0.3697, 0.1543, 1.6554

Inverse Universe

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



43.7104, 37.6255, 54.8288



74.3713, 60.9670, 94.8415



41.9338, 50.9597, 36.4816



11.0238, 10.7929, 13.1088



20.0882, 9.7848, 26.7379



0.9676, 0.4699, 1.3525

Previews

White Background



This preview shows how the XYZ color 34.8097, 32.9578, 57.9529 looks on a white background.

Color Contrast Check

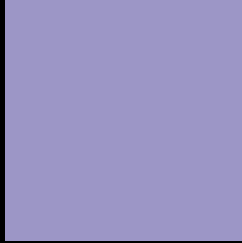
Large Text (above 18pt) WCAG AA × Fail

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 34.8097, 32.9578, 57.9529 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 34.8097, 32.9578, 57.9529

Background



This preview shows how black text looks on a background with the XYZ color 34.8097, 32.9578, 57.9529.



This preview shows how white text looks on a background with the XYZ color 34.8097, 32.9578,

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

34.8097, 32.9578, 57.9529

Protanopia

33.4259, 33.1679, 59.8986

Deuteranopia

33.5190, 32.7836, 57.3845



Tritanopia

31.5340, 33.0881, 41.7704

Trichromacy



Original Color

34.8097, 32.9578, 57.9529

Protanomaly

34.0293, 33.2485, 59.2676

Deuteranomaly

33.9072, 32.7437, 57.3564

Tritanomaly

32.6412, 33.0413, 47.3051

Monochromacy



Original Color

34.8097, 32.9578, 57.9529

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

32.9066, 33.2579, 43.7148

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8097, 32.9578, 57.9529 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(156, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(156, 150, 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(156, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 150, 198) }
```

Border

The CSS property to change the border of an element to XYZ 34.8097, 32.9578, 57.9529 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(156, 150, 198) }
```


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

```
.border{ border-color:rgb(156, 150, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(156, 150,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8097, 32.9578, 57.9529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 150, 198) }
```

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

```
.background{ background-color: rgb(156,  
150, 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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