

Converting Colors

XYZ(35.1109, 33.0137, 35.7932)

Have a look what the booklet for
XYZ(35.1109, 33.0137, 35.7932)
contains.

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Color

**XYZ(35.0249, 32.8514,
35.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	B3939C
RGB	179, 147, 156
RGB Percent	70%, 58%, 61%
CMY	0.2980, 0.4235, 0.3882
CMYK	0.00, 0.18, 0.13, 0.30
HSL	343°, 17%, 64%
HSV	343°, 18%, 70%
XYZ	35.0249, 32.8514, 35.9474
YIQ	157.5940, 16.1830, 9.5830

Conversions

Conversions Part 2

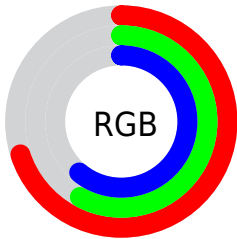
Format	Color
RYB	179, 147, 156
Decimal	11768732
CIELab	64.04, 13.47, -0.23
CIELCh	64, 13.467, 359.029
Yxy	32.8514, 0.3373, 0.3164
Android (android.graphics.Color)	4289958812 (0xFFB3939C)
YUV	157.5940, -0.7858, 18.7731
Hunter-Lab	57.3161, 8.7750, 2.9359

Details

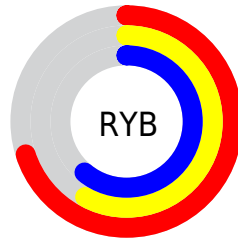
The XYZ color **35.0249, 32.8514, 35.9474** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.4098, 41.3465, 44.1466**, and the grayscale version is **32.3147, 33.9975, 37.0233**.

A 20% lighter version of the original color is **66.7805, 64.0886, 69.8234**, and **15.3369, 13.8213, 15.2240** is the 20% darker color. If you saturate the color by 10%, you get **31.4227, 27.2990, 29.6529**, and if you desaturate by 10%, it is **39.1775, 39.3192, 42.9956**.

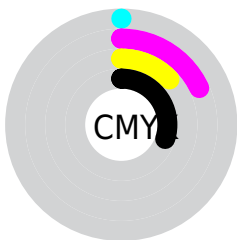
Distribution



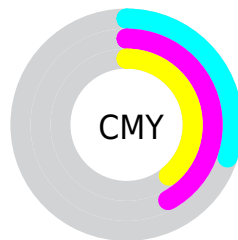
- Red (70%)
- Green (58%)
- Blue (61%)



- Red (70%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (30%)





- Cyan (30%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0249, 32.8514, 35.9474 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 35.0249, 32.8514, 35.9474 by changing the saturation by 10% instead.


 35.0249, 32.8514,
35.9474


 35.0249, 32.8514,
35.9474


316.1843,
314.9796, 343.7610

 23.8487, 22.0126,
24.1042

 66.8581, 64.1435,
70.1190

 15.3455, 13.8662,
15.1980


 88.2458, 85.3655,
93.2845

 9.1501, 8.0277,
8.8103


113.7680,
110.8175, 121.0612

 4.8971, 4.1126,
4.5225

143.7901,
140.8838, 153.8675

 2.2212, 1.7368,
1.9162

178.6774,
175.9487, 192.1222

 0.7539, 0.4473,
0.5030

218.7953,

 0.0000, 0.0000,

216.3967, 236.2436

0.0000

264.5092,
262.6122, 286.6504

■ 35.0249, 32.8514,
35.9474

■ 35.0249, 32.8514,
35.9474

■ 31.4227, 27.2990,
29.6529

■ 39.1775, 39.3192,
42.9956

■ 28.3446, 22.6161,
24.0846

■ 43.8999, 46.7366,
50.8197

■ 25.7662, 18.7598,
19.2162

■ 49.2138, 55.1416,
59.4436

■ 23.6600, 15.6813,
15.0189

■ 55.1390, 64.5687,
68.8893

■ 21.9960, 13.3270,
11.4619

■ 61.6944, 75.0508,
79.1782

■ 20.7401, 11.6364,
8.5118

■ 68.8980, 86.6194,
90.3307

■ 19.8533, 10.5389,
6.1316

■ 70.9959, 87.7619,
100.4428

■ 19.2760, 9.9240,
4.2756

■ 72.4006, 88.3238,
107.8400

■ 19.1735, 9.8170,
3.9395

Harmonies

Analogous

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



34.4656, 32.8514, 41.4339



35.0249, 32.8514, 35.9474



34.5319, 32.8514, 30.9248

Triad

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



35.0249, 32.8514, 35.9474



29.4833, 32.8514, 27.3720



29.3801, 32.8514, 45.5210

Complementary

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



35.0249, 32.8514, 35.9474



35.4098, 41.3465, 44.1466

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.



28.1349, 32.8514, 41.0957



35.0249, 32.8514, 35.9474



28.1928, 32.8514, 30.6466

Square

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



35.0249, 32.8514, 35.9474



31.2863, 32.8514, 26.2873



27.7090, 32.8514, 35.5924



31.1623, 32.8514, 47.2952

Rectangle

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



35.0249, 32.8514, 35.9474



33.6837, 32.8514, 28.4310



27.7090, 32.8514, 35.5924



28.8876, 32.8514, 44.2735

Sweetspot

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



35.0258, 32.8529, 35.9481



72.4210, 73.9519, 80.7720



35.1347, 32.6623, 47.1010



15.9188, 16.1864, 17.6849



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



35.0258, 32.8529, 35.9481



60.3749, 55.1953, 60.3079



35.4026, 34.7809, 32.4529



8.5913, 8.5432, 9.3464



13.5733, 6.9469, 2.9129



0.4526, 0.2288, 0.2262

Inverse Universe

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



35.0258, 32.8529, 35.9481



60.3749, 55.1953, 60.3079



34.9357, 38.9892, 48.3327



8.5913, 8.5432, 9.3464



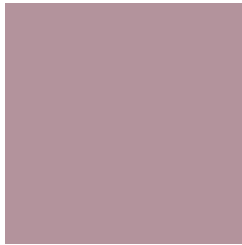
13.5733, 6.9469, 2.9129



0.4526, 0.2288, 0.2262

Previews

White Background



This preview shows how the XYZ color 35.0249, 32.8514, 35.9474 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 35.0249, 32.8514, 35.9474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

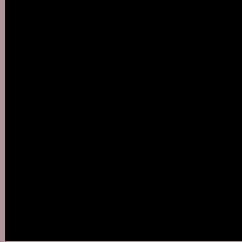
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0249, 32.8514, 35.9474

Background



This preview shows how black text looks on a background with the XYZ color 35.0249, 32.8514, 35.9474.



This preview shows how white text looks on a background with the XYZ color 35.0249, 32.8514,

35.9474.

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

35.0249, 32.8514, 35.9474

Protanopia

31.9711, 33.1489, 37.9710

Deuteranopia

33.4003, 32.7253, 35.5666



Tritanopia

35.1957, 32.9198, 36.8469

Trichromacy



Original Color

35.0249, 32.8514, 35.9474

Protanomaly

33.0033, 32.9590, 37.4232

Deuteranomaly

33.8974, 32.7457, 35.5443

Tritanomaly

35.1099, 32.8855, 36.3953

Monochromacy



Original Color

35.0249, 32.8514, 35.9474

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

33.3673, 33.6525, 36.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0249, 32.8514, 35.9474 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(179, 147, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 147, 156)  
}
```

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(179, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 147, 156) }
```

Border

The CSS property to change the border of an element to XYZ 35.0249, 32.8514, 35.9474 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(179, 147, 156) }
```


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

```
.border{ border-color:rgb(179, 147, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 147,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0249, 32.8514, 35.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 147, 156) }
```

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

```
.background{ background-color: rgb(179,  
147, 156) }
```

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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