

Converting Colors

XYZ(35.1374, 36.4250, 50.0980)

Have a look what the booklet for
XYZ(35.1374, 36.4250, 50.0980)
contains.

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Color

**XYZ(34.9851, 36.2281,
49.9486)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA2B7
RGB	155, 162, 183
RGB Percent	61%, 64%, 72%
CMY	0.3922, 0.3647, 0.2823
CMYK	0.15, 0.11, 0.00, 0.28
HSL	225°, 16%, 66%
HSV	225°, 15%, 72%
XYZ	34.9851, 36.2281, 49.9486
YIQ	162.3010, -10.9130, 5.0470

Conversions

Conversions Part 2

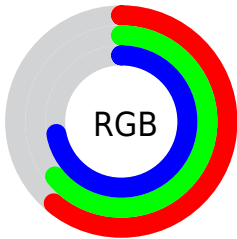
Format	Color
R _Y B	155, 161, 183
Decimal	10199735
CIE Lab	66.69, 1.89, -11.67
CIE LCh	67, 11.824, 279.210
Yxy	36.2281, 0.2887, 0.2990
Android (android.graphics.Color)	4288389815 (0xFF9BA2B7)
YUV	162.3010, 10.2046, -6.4030
Hunter-Lab	60.1898, -1.5796, -7.0691

Details

The XYZ color **34.9851, 36.2281, 49.9486** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9704, 43.4843, 37.2449**, and the grayscale version is **34.4419, 36.2356, 39.4605**.

A 20% lighter version of the original color is **66.9712, 69.5593, 91.5579**, and **15.3141, 15.7066, 23.3436** is the 20% darker color. If you saturate the color by 10%, you get **29.4489, 29.9799, 49.0349**, and if you desaturate by 10%, it is **41.3196, 43.2814, 50.9767**.

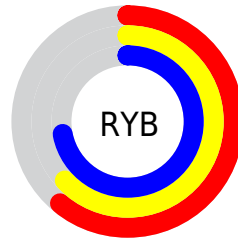
Distribution



Red (61%)

Green (64%)

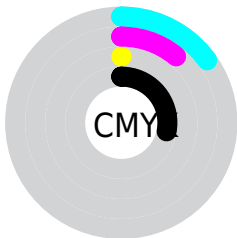
Blue (72%)



Red (61%)

Yellow (63%)

Blue (72%)

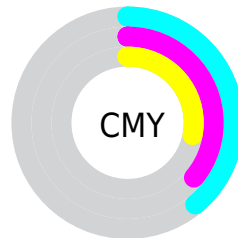


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (28%)



Cyan (39%)

Magenta (36%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9851, 36.2281, 49.9486 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 34.9851, 36.2281, 49.9486 by changing the saturation by 10% instead.

■ 34.9851, 36.2281,
49.9486

■ 34.9851, 36.2281,
49.9486

316.0117,
329.9564, 403.1942

■ 23.8179, 24.6104,
35.0017

■ 66.7969, 69.3840,
91.4942

■ 15.3226, 15.7870,
23.3806

■ 88.1721, 91.6910,
118.9300

■ 9.1339, 9.3736,
14.6668

113.6807,
118.3299, 151.3658

■ 4.8864, 4.9856,
8.4419

143.6880,
149.6850, 189.2202

■ 2.2148, 2.2388,
4.2872

178.5594,
186.1409, 232.9117

■ 0.7505, 0.7410,
1.7842

218.6603,

■ 0.0000, 0.0000,

228.0818, 282.8588

0.4175

264.3559,
275.8922, 339.4802

■ 0.0000, 0.0000,
0.0000

■ 34.9851, 36.2281,
49.9486

■ 34.9851, 36.2281,
49.9486

■ 29.4489, 29.9799,
49.0349

■ 41.3196, 43.2814,
50.9767

■ 24.6754, 24.5031,
48.2294

■ 48.4796, 51.1630,
52.1207

■ 20.6312, 19.7682,
47.5286

■ 56.4949, 59.9005,
53.3847

■ 17.2788, 15.7420,
46.9282

■ 65.3930, 69.5192,
54.7723

■ 14.5777, 12.3888,
46.4233

■ 75.1999, 80.0430,
56.2868

■ 12.4824, 9.6693,
46.0088

■ 82.2421, 89.5884,
57.7580

■ 10.9413, 7.5398,
45.6790

■ 85.5474, 96.1989,
58.8598

■ 9.8926, 5.9496,
45.4274

■ 9.5152, 5.3546,
45.3324

Harmonies

Analogous

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



33.2316, 36.2281, 49.3511



34.9851, 36.2281, 49.9486



36.6458, 36.2281, 47.5497

Triad

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



34.9851, 36.2281, 49.9486



37.1578, 36.2281, 33.5617



31.3284, 36.2281, 36.0643

Complementary

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



34.9851, 36.2281, 49.9486



40.9704, 43.4843, 37.2449

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.



32.3125, 36.2281, 32.3201



34.9851, 36.2281, 49.9486



35.6644, 36.2281, 30.9641

Square

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



34.9851, 36.2281, 49.9486



37.9283, 36.2281, 37.8962



33.8882, 36.2281, 30.5300



31.1606, 36.2281, 41.0379

Rectangle

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



34.9851, 36.2281, 49.9486



37.4622, 36.2281, 44.6864



33.8882, 36.2281, 30.5300



31.5730, 36.2281, 34.6327

Sweetspot

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



34.9862, 36.2296, 49.9494



74.2650, 77.8066, 91.3397



38.2421, 43.9523, 47.3013



16.2164, 16.9786, 20.1441



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.9862, 36.2296, 49.9494



59.5395, 61.3827, 88.9457



35.0749, 34.4949, 49.6099



8.6987, 9.0747, 11.3726



6.6849, 3.8296, 31.6399



0.2863, 0.2364, 1.1323

Inverse Universe

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



37.7722, 36.1194, 39.1650



65.4063, 61.2348, 66.2173



40.8607, 45.5188, 37.6434



9.0943, 9.0481, 9.8439



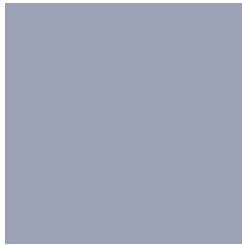
13.9879, 7.1689, 2.5573



0.5187, 0.2630, 0.2249

Previews

White Background



This preview shows how the XYZ color 34.9851, 36.2281, 49.9486 looks on a white background.

Color Contrast Check

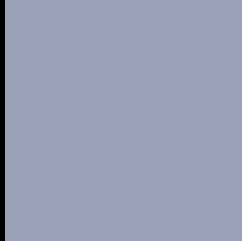
Large Text (above 18pt) WCAG AA × Fail

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 34.9851, 36.2281, 49.9486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

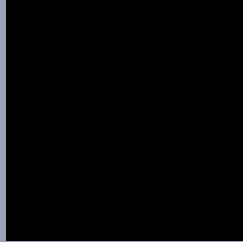
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9851, 36.2281, 49.9486

Background



This preview shows how black text looks on a background with the XYZ color 34.9851, 36.2281, 49.9486.

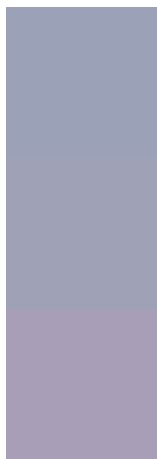


This preview shows how white text looks on a background with the XYZ color 34.9851, 36.2281,

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

34.9851, 36.2281, 49.9486

Protanopia

35.4864, 36.2381, 49.3803

Deuteranopia

37.0270, 36.2392, 50.3907



Tritanopia

34.2601, 36.1990, 46.2557

Trichromacy



Original Color

34.9851, 36.2281, 49.9486

Protanomaly

35.2889, 36.1362, 49.3710

Deuteranomaly

36.1541, 36.0435, 50.3990

Tritanomaly

34.5603, 36.3191, 47.8366

Monochromacy



Original Color

34.9851, 36.2281, 49.9486

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4741, 36.1139, 43.1839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9851, 36.2281, 49.9486 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(155, 162, 183)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 183)  
}
```

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(155, 162, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 183) }
```

Border

The CSS property to change the border of an element to XYZ 34.9851, 36.2281, 49.9486 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(155, 162, 183) }
```


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

```
.border{ border-color:rgb(155, 162, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 162, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 162, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 162, 183);  
box-shadow:4px 4px 4px 4px rgb(155, 162,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9851, 36.2281, 49.9486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 183) }
```

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

```
.background{ background-color: rgb(155,  
162, 183) }
```

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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