

Converting Colors

XYZ(34.2900, 34.0910, 36.2364)

Have a look what the booklet for
XYZ(34.2900, 34.0910, 36.2364)
contains.

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Color

**XYZ(34.3509, 34.1694,
36.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9A9C
RGB	171, 154, 156
RGB Percent	67%, 60%, 61%
CMY	0.3294, 0.3961, 0.3882
CMYK	0.00, 0.10, 0.09, 0.33
HSL	353°, 9%, 64%
HSV	353°, 10%, 67%
XYZ	34.3509, 34.1694, 36.2374
YIQ	159.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

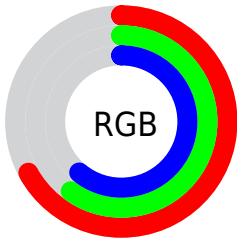
Format	Color
RYB	171, 154, 156
Decimal	11246236
CIELab	65.10, 6.60, 1.22
CIELCh	65, 6.710, 10.496
Yxy	34.1694, 0.3279, 0.3262
Android (android.graphics.Color)	4289436316 (0xFFAB9A9C)
YUV	159.3110, -1.6323, 10.2513
Hunter-Lab	58.4546, 2.6001, 4.1629

Details

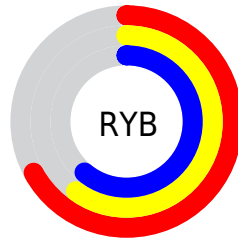
The XYZ color **34.3509, 34.1694, 36.2374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0520, 38.8612, 43.1914**, and the grayscale version is **33.1019, 34.8258, 37.9253**.

A 20% lighter version of the original color is **65.5528, 65.9336, 70.2442**, and **15.0078, 14.6424, 15.3999** is the 20% darker color. If you saturate the color by 10%, you get **30.5278, 28.4425, 29.0453**, and if you desaturate by 10%, it is **38.7368, 40.7670, 44.4012**.

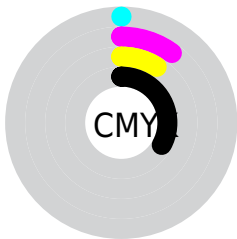
Distribution



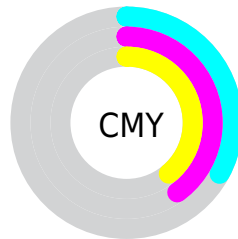
- Red (67%)
- Green (60%)
- Blue (61%)



- Red (67%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3509, 34.1694, 36.2374 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 34.3509, 34.1694, 36.2374 by changing the saturation by 10% instead.

■ 34.3509, 34.1694,
36.2374

■ 34.3509, 34.1694,
36.2374

313.2523,
320.8867, 345.0657

■ 23.3275, 23.0238,
24.3265

■ 65.8196, 66.1970,
70.5715

■ 14.9575, 14.6111,
15.3615

■ 86.9957, 87.8478,
93.8317

■ 8.8757, 8.5469,
8.9241

112.2866,
113.7691, 121.7121

■ 4.7167, 4.4468,
4.5956

142.0578,
144.3452, 154.6313

■ 2.1150, 1.9265,
1.9574

176.6746,
179.9607, 193.0076

■ 0.6974, 0.5642,
0.5289

216.5024,

■ 0.0000, 0.0000,

220.9998, 237.2598

0.0000

261.9065,
267.8470, 287.8063

■ 34.3509, 34.1694,
36.2374

■ 34.3509, 34.1694,
36.2374

■ 30.5278, 28.4425,
29.0453

■ 38.7368, 40.7670,
44.4012

■ 27.2419, 23.5455,
22.7866

■ 43.7040, 48.2647,
53.5689

■ 24.4699, 19.4414,
17.4236

■ 49.2738, 56.6963,
63.7738

■ 22.1857, 16.0884,
12.9152

■ 55.4654, 66.0924,
75.0468

■ 20.3607, 13.4408,
9.2170

■ 62.2973, 76.4821,
87.4180

■ 18.9637, 11.4481,
6.2808

■ 69.2732, 86.8654,
100.7445

■ 17.9591, 10.0529,
4.0530

■ 70.6047, 87.3980,
107.7560

■ 17.3058, 9.1882,
2.4730

■ 16.9238, 8.7114,
1.4599

Harmonies

Analogous

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



34.2720, 34.1694, 39.0218



34.3509, 34.1694, 36.2374



33.9201, 34.1694, 33.8335

Triad

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



34.3509, 34.1694, 36.2374



31.2775, 34.1694, 33.2783



31.8566, 34.1694, 42.4855

Complementary

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



34.3509, 34.1694, 36.2374



35.0520, 38.8612, 43.1914

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.



31.0754, 34.1694, 40.7926



34.3509, 34.1694, 36.2374



30.7457, 34.1694, 35.4449

Square

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



34.3509, 34.1694, 36.2374



32.1375, 34.1694, 32.1826



30.6725, 34.1694, 38.1890



32.8189, 34.1694, 42.7238

Rectangle

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



34.3509, 34.1694, 36.2374



33.4068, 34.1694, 32.7349



30.6725, 34.1694, 38.1890



31.5646, 34.1694, 42.0638

Sweetspot

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



34.3519, 34.1709, 36.2381



66.8199, 69.1626, 74.7778



35.2123, 34.4585, 43.3237



14.7593, 15.2102, 16.4122



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.3519, 34.1709, 36.2381



59.8787, 58.7321, 61.8221



35.2396, 36.2148, 35.7065



8.0421, 8.0301, 8.5325



12.7672, 6.5694, 1.1537



0.3670, 0.1875, 0.0943

Inverse Universe

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



34.3519, 34.1709, 36.2381



59.8787, 58.7321, 61.8221



34.0914, 36.6376, 43.8033



8.0421, 8.0301, 8.5325



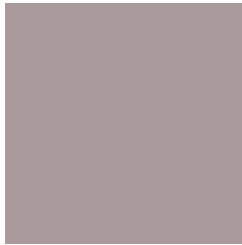
12.7672, 6.5694, 1.1537



0.3670, 0.1875, 0.0943

Previews

White Background



This preview shows how the XYZ color 34.3509, 34.1694, 36.2374 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 34.3509, 34.1694, 36.2374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

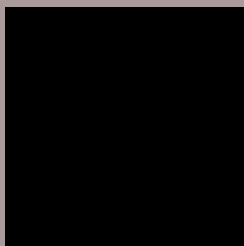
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

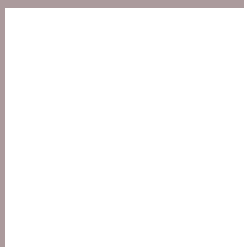
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3509, 34.1694, 36.2374

Background



This preview shows how black text looks on a background with the XYZ color 34.3509, 34.1694, 36.2374.



This preview shows how white text looks on a background with the XYZ color 34.3509, 34.1694,

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

34.3509, 34.1694, 36.2374

Protanopia

32.9265, 34.1596, 37.2058

Deuteranopia

34.8475, 34.1814, 36.2135



Tritanopia

35.1960, 34.2697, 40.3570

Trichromacy



Original Color

34.3509, 34.1694, 36.2374

Protanomaly

33.4913, 34.2106, 36.7364

Deuteranomaly

34.6256, 34.0670, 36.2031

Tritanomaly

34.9261, 34.1618, 38.9355

Monochromacy



Original Color

34.3509, 34.1694, 36.2374

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.3328, 34.3691, 37.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3509, 34.1694, 36.2374 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(171, 154, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 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(171, 154, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 156) }
```

Border

The CSS property to change the border of an element to XYZ 34.3509, 34.1694, 36.2374 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(171, 154, 156) }
```


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

```
.border{ border-color:rgb(171, 154, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3509, 34.1694, 36.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 156) }
```

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

```
.background{ background-color: rgb(171,  
154, 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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