

Converting Colors

XYZ(36.3639, 36.4212, 41.1853)

Have a look what the booklet for
XYZ(36.3639, 36.4212, 41.1853)
contains.

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Color

**XYZ(36.2943, 36.3201,
41.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	AC9FA6
RGB	172, 159, 166
RGB Percent	67%, 62%, 65%
CMY	0.3255, 0.3765, 0.3490
CMYK	0.00, 0.08, 0.03, 0.33
HSL	328°, 7%, 65%
HSV	328°, 8%, 67%
XYZ	36.2943, 36.3201, 41.1740
YIQ	163.6850, 5.5010, 4.9330

Conversions

Conversions Part 2

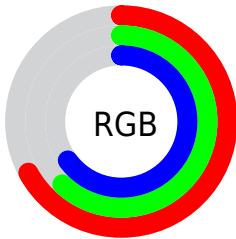
Format	Color
RYB	172, 159, 166
Decimal	11313062
CIELab	66.76, 6.01, -1.93
CIElCh	67, 6.309, 342.174
Yxy	36.3201, 0.3190, 0.3192
Android (android.graphics.Color)	4289503142 (0xFFAC9FA6)
YUV	163.6850, 1.1413, 7.2923
Hunter-Lab	60.2662, 2.0329, 1.6792

Details

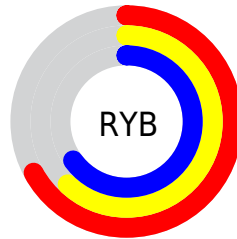
The XYZ color **36.2943, 36.3201, 41.1740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8435, 39.5935, 41.3523**, and the grayscale version is **35.1307, 36.9602, 40.2497**.

A 20% lighter version of the original color is **68.7763, 69.6445, 78.2244**, and **16.1456, 15.9331, 18.1440** is the 20% darker color. If you saturate the color by 10%, you get **32.8341, 30.5292, 36.5375**, and if you desaturate by 10%, it is **40.2131, 42.9553, 46.1861**.

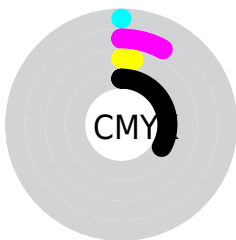
Distribution



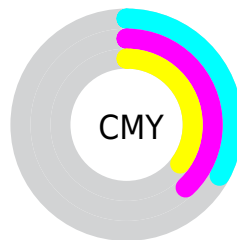
- Red (67%)
- Green (62%)
- Blue (65%)



- Red (67%)
- Yellow (62%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (33%)



- Cyan (33%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.2943, 36.3201, 41.1740 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 36.2943, 36.3201, 41.1740 by changing the saturation by 10% instead.

■ 36.2943, 36.3201,
41.1740

■ 36.2943, 36.3201,
41.1740

321.6539,
330.3575, 366.7455

■ 24.8327, 24.6815,
28.1343

■ 68.8070, 69.5258,
78.2045

■ 16.0805, 15.8399,
18.1870

■ 90.5888, 91.8618,
103.0324

■ 9.6724, 9.4110,
10.9135

116.5414,
118.5323, 132.6269

■ 5.2429, 5.0102,
5.8953

147.0302,
149.9218, 167.4063

■ 2.4267, 2.2532,
2.7137

182.4205,
186.4147, 207.7894

■ 0.8584, 0.7488,
0.9503

223.0776,

■ 0.0000, 0.0000,

228.3953, 254.1946

0.0000

269.3670,
276.2481, 307.0404

■ 36.2943, 36.3201,
41.1740

■ 36.2943, 36.3201,
41.1740

■ 32.8341, 30.5292,
36.5375

■ 40.2131, 42.9553,
46.1861

■ 29.8118, 25.5438,
32.2645

■ 44.6041, 50.4622,
51.5810

■ 27.2094, 21.3290,
28.3453

■ 49.4843, 58.8729,
57.3684

■ 25.0067, 17.8455,
24.7690

■ 54.8686, 68.2163,
63.5571

■ 23.1816, 15.0505,
21.5239

■ 60.7716, 78.5201,
70.1554

■ 21.7096, 12.8967,
18.5973

■ 64.8653, 85.1275,
76.3910

■ 20.5635, 11.3309,
15.9755

■ 65.9022, 85.5423,
81.8514

■ 19.7113, 10.2909,
13.6432

■ 66.9893, 85.9771,
87.5757

■ 19.1038, 9.6799,
11.5789

■ 68.1271, 86.4322,
93.5672

Harmonies

Analogous

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



35.7655, 36.3201, 43.5626



36.2943, 36.3201, 41.1740



36.3427, 36.3201, 38.4505

Triad

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



36.2943, 36.3201, 41.1740



34.1364, 36.3201, 34.6374



33.1815, 36.3201, 43.1737

Complementary

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



36.2943, 36.3201, 41.1740



35.8435, 39.5935, 41.3523

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.



32.7616, 36.3201, 40.6629



36.2943, 36.3201, 41.1740



33.3060, 36.3201, 35.7850

Square

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



36.2943, 36.3201, 41.1740



35.0849, 36.3201, 34.7601



32.8067, 36.3201, 37.9623



33.9635, 36.3201, 44.7531

Rectangle

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



36.2943, 36.3201, 41.1740



36.0948, 36.3201, 36.8185



32.8067, 36.3201, 37.9623



32.9940, 36.3201, 42.4058

Sweetspot

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



36.2953, 36.3217, 41.1748



69.6636, 72.3430, 79.6300



35.3317, 35.7598, 44.0703



15.1570, 15.7516, 17.3278



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.



36.2953, 36.3217, 41.1748



64.7816, 64.1043, 73.3008



35.7272, 36.0944, 38.1831



8.1787, 8.0847, 9.2520



14.1458, 7.1209, 8.4131



0.4208, 0.2090, 0.3775

Inverse Universe

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



36.2953, 36.3217, 41.1748



64.7816, 64.1043, 73.3008



36.4358, 39.8304, 44.4714



8.1787, 8.0847, 9.2520



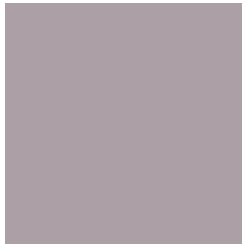
14.1458, 7.1209, 8.4131



0.4208, 0.2090, 0.3775

Previews

White Background



This preview shows how the XYZ color 36.2943, 36.3201, 41.1740 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 36.2943, 36.3201, 41.1740 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 36.2943, 36.3201, 41.1740

Background



This preview shows how black text looks on a background with the XYZ color 36.2943, 36.3201, 41.1740.



This preview shows how white text looks on a background with the XYZ color 36.2943, 36.3201,

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

36.2943, 36.3201, 41.1740

Protanopia

35.2981, 36.5603, 42.2422

Deuteranopia

36.8444, 36.0972, 41.1019



Tritanopia

36.8111, 36.2782, 43.5903

Trichromacy



Original Color

36.2943, 36.3201, 41.1740

Protanomaly

35.6563, 36.4952, 41.7242

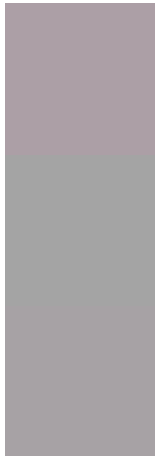
Deuteranomaly

36.7890, 36.3209, 41.1480

Tritanomaly

36.6219, 36.2025, 42.5937

Monochromacy



Original Color

36.2943, 36.3201, 41.1740

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.6482, 36.7728, 40.8163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2943, 36.3201, 41.1740 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(172, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(172, 159, 166)  
}
```

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(172, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 166) }
```

Border

The CSS property to change the border of an element to XYZ 36.2943, 36.3201, 41.1740 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(172, 159, 166) }
```


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

```
.border{ border-color:rgb(172, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(172, 159,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2943, 36.3201, 41.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 159, 166) }
```

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

```
.background{ background-color: rgb(172,  
159, 166) }
```

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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