

Converting Colors

XYZ(34.9377, 34.5947, 41.8818)

Have a look what the booklet for
XYZ(34.9377, 34.5947, 41.8818)
contains.

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Color

**XYZ(34.9377, 34.5947,
41.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	A89BA8
RGB	168, 155, 168
RGB Percent	66%, 61%, 66%
CMY	0.3412, 0.3921, 0.3412
CMYK	0.00, 0.08, 0.00, 0.34
HSL	300°, 7%, 63%
HSV	300°, 8%, 66%
XYZ	34.9377, 34.5947, 41.8818
YIQ	160.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

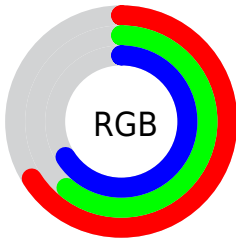
Format	Color
RYB	168, 155, 168
Decimal	11049896
CIELab	65.43, 7.17, -5.05
CIELCh	65, 8.771, 324.833
Yxy	34.5947, 0.3136, 0.3105
Android (android.graphics.Color)	4289239976 (0xFFA89BA8)
YUV	160.3690, 3.7621, 6.6924
Hunter-Lab	58.8173, 3.0995, -1.0463

Details

The XYZ color **34.9377, 34.5947, 41.8818** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4380, 37.3414, 36.4575**, and the grayscale version is **33.5668, 35.3149, 38.4579**.

A 20% lighter version of the original color is **66.5512, 66.6166, 79.1627**, and **15.3052, 14.8746, 18.5874** is the 20% darker color. If you saturate the color by 10%, you get **32.3344, 29.3877, 41.0143**, and if you desaturate by 10%, it is **37.9320, 40.5827, 42.8804**.

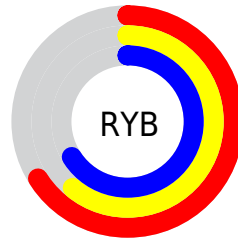
Distribution



Red (66%)

Green (61%)

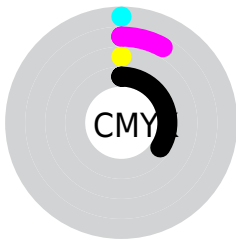
Blue (66%)



Red (66%)

Yellow (61%)

Blue (66%)

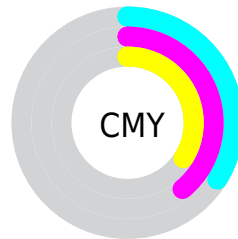


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (34%)



Cyan (34%)

Magenta (39%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9377, 34.5947, 41.8818 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 34.9377, 34.5947, 41.8818 by changing the saturation by 10% instead.

■ 34.9377, 34.5947,
41.8818

■ 34.9377, 34.5947,
41.8818

315.8061,
322.7757, 369.7779

■ 23.7812, 23.3508,
28.6839

■ 66.7239, 66.8574,
79.2889

■ 15.2952, 14.8528,
18.5983

■ 88.0843, 88.6451,
104.3351

■ 9.1145, 8.7161,
11.2065

113.5767,
114.7161, 134.1678

■ 4.8737, 4.5565,
6.0900

143.5664,
145.4549, 169.2056

■ 2.2073, 1.9895,
2.8302

178.4189,
181.2458, 209.8669

■ 0.7466, 0.6013,
1.0086

218.4994,

■ 0.0000, 0.0000,

222.4734, 256.5704

0.0000

264.1734,
269.5219, 309.7346

■ 34.9377, 34.5947,
41.8818

■ 34.9377, 34.5947,
41.8818

■ 32.3344, 29.3877,
41.0143

■ 37.9320, 40.5827,
42.8804

■ 30.1032, 24.9252,
40.2705

■ 41.3293, 47.3774,
44.0130

■ 28.2279, 21.1747,
39.6453

■ 45.1449, 55.0086,
45.2850

■ 26.6902, 18.0994,
39.1326

■ 49.3924, 63.5035,
46.7009

■ 25.4700, 15.6590,
38.7258

■ 54.0847, 72.8879,
48.2651

■ 24.5452, 13.8094,
38.4174

■ 58.9768, 82.6722,
49.8959

■ 23.8907, 12.5005,
38.1991

■ 58.9768, 82.6722,
49.8961

■ 23.4774, 11.6739,
38.0612

■ 58.9769, 82.6722,
49.8962

■ 23.2578, 11.2346,
37.9879

■ 58.9769, 82.6722,
49.8963

Harmonies

Analogous

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



33.9273, 34.5947, 44.4445



34.9377, 34.5947, 41.8818



35.3978, 34.5947, 38.3071

Triad

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



34.9377, 34.5947, 41.8818



33.1037, 34.5947, 31.0654



30.6945, 34.5947, 40.7110

Complementary

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



34.9377, 34.5947, 41.8818



33.4380, 37.3414, 36.4575

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.



30.4869, 34.5947, 37.0355



34.9377, 34.5947, 41.8818



31.8568, 34.5947, 31.6174

Square

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



34.9377, 34.5947, 41.8818



34.3215, 34.5947, 32.1865



30.9071, 34.5947, 33.7463



31.4818, 34.5947, 43.7384

Rectangle

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



34.9377, 34.5947, 41.8818



35.3221, 34.5947, 35.8893



30.9071, 34.5947, 33.7463



30.5555, 34.5947, 39.5040

Sweetspot

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



34.9387, 34.5962, 41.8826



66.4080, 68.7940, 77.0035



32.3084, 33.2402, 41.7595



14.4879, 15.0217, 16.7880



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



34.9387, 34.5962, 41.8826



62.6827, 61.3433, 75.7616



34.3482, 34.3600, 38.7729



7.8419, 7.6666, 9.4848



17.5319, 8.4215, 28.6761



0.4266, 0.2049, 0.6977

Inverse Universe

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



34.9387, 34.5962, 41.8826



62.6827, 61.3433, 75.7616



33.9987, 37.5657, 39.4100



7.8419, 7.6666, 9.4848



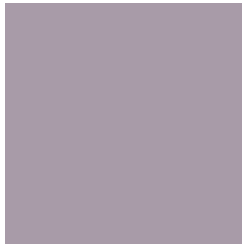
17.5319, 8.4215, 28.6761



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 34.9377, 34.5947, 41.8818 looks on a white background.

Color Contrast Check

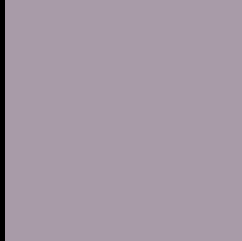
Large Text (above 18pt) WCAG AA × Fail

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 34.9377, 34.5947, 41.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

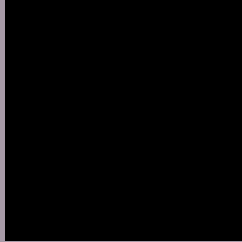
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9377, 34.5947, 41.8818

Background



This preview shows how black text looks on a background with the XYZ color 34.9377, 34.5947, 41.8818.



This preview shows how white text looks on a background with the XYZ color 34.9377, 34.5947,

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

34.9377, 34.5947, 41.8818

Protanopia

33.7806, 34.7269, 42.9527

Deuteranopia

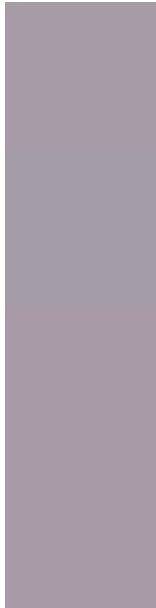
35.2010, 34.4844, 41.8466



Tritanopia

34.8448, 34.5575, 41.3930

Trichromacy



Original Color

34.9377, 34.5947, 41.8818

Protanomaly

34.1187, 34.6599, 42.4279

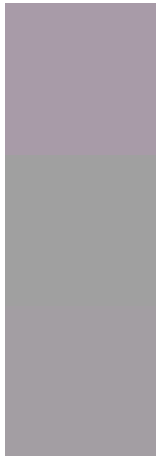
Deuteranomaly

34.9857, 34.3734, 41.8366

Tritanomaly

34.8448, 34.5575, 41.3930

Monochromacy



Original Color

34.9377, 34.5947, 41.8818

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9420, 34.8846, 39.5948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9377, 34.5947, 41.8818 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(168, 155, 168)` looks like.

```
.text, #text, p{  
    color:rgb(168, 155, 168)  
}
```

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(168, 155, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 155, 168) }
```

Border

The CSS property to change the border of an element to XYZ 34.9377, 34.5947, 41.8818 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(168, 155, 168) }
```


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

```
.border{ border-color:rgb(168, 155, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 155, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 155, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 155, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 155,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9377, 34.5947, 41.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 155, 168) }
```

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

```
.background{ background-color: rgb(168,  
155, 168) }
```

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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