

Converting Colors

XYZ(33.6007, 34.9649, 40.9342)

Have a look what the booklet for
XYZ(33.6007, 34.9649, 40.9342)
contains.

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Color

**XYZ(33.5791, 34.9204,
41.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9FA6
RGB	159, 159, 166
RGB Percent	62%, 62%, 65%
CMY	0.3765, 0.3765, 0.3490
CMYK	0.04, 0.04, 0.00, 0.35
HSL	240°, 4%, 64%
HSV	240°, 4%, 65%
XYZ	33.5791, 34.9204, 41.0469
YIQ	159.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

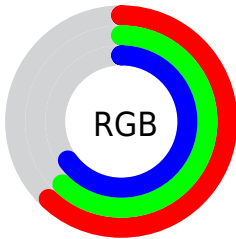
Format	Color
R_{YB}	159, 159, 166
Decimal	10461094
CIE Lab	65.69, 1.37, -3.64
CIE LCh	66, 3.888, 290.597
Yxy	34.9204, 0.3065, 0.3188
Android (android.graphics.Color)	4288651174 (0xFF9F9FA6)
YUV	159.7980, 3.0576, -0.6998
Hunter-Lab	59.0935, -1.9833, 0.1820

Details

The XYZ color **33.5791, 34.9204, 41.0469** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.6200, 37.8820, 38.2359**, and the grayscale version is **33.3086, 35.0432, 38.1620**.

A 20% lighter version of the original color is **64.8293, 67.6097, 78.0397**, and **14.5842, 15.1282, 18.0709** is the 20% darker color. If you saturate the color by 10%, you get **27.8416, 28.0082, 40.0156**, and if you desaturate by 10%, it is **40.1438, 42.8296, 42.2281**.

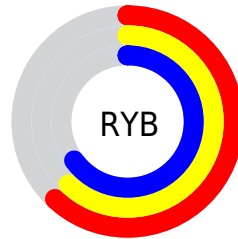
Distribution



Red (62%)

Green (62%)

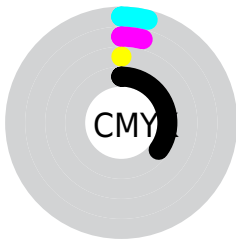
Blue (65%)



Red (62%)

Yellow (62%)

Blue (65%)

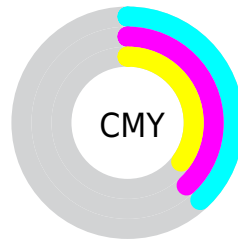


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (38%)

Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5791, 34.9204, 41.0469 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 33.5791, 34.9204, 41.0469 by changing the saturation by 10% instead.

■ 33.5791, 34.9204,
41.0469

■ 33.5791, 34.9204,
41.0469

309.8702,
324.2168, 366.1990

■ 22.7318, 23.6016,
28.0358

■ 64.6272, 67.3624,
78.0095

■ 14.5152, 15.0383,
18.1133

■ 85.5588, 89.2544,
102.7981

■ 8.5639, 8.8463,
10.8611

110.5825,
115.4396, 132.3495

■ 4.5127, 4.6411,
5.8605

140.0636,
146.3023, 167.0824

■ 1.9961, 2.0382,
2.6930

174.3676,
182.2270, 207.4153

■ 0.6318, 0.6295,
0.9399

213.8598,

■ 0.0000, 0.0000,

223.5981, 253.7666

0.0000

258.9056,
270.7999, 306.5550

■ 33.5791, 34.9204,
41.0469

■ 33.5791, 34.9204,
41.0469

■ 27.8416, 28.0082,
40.0156

■ 40.1438, 42.8296,
42.2281

■ 22.8956, 22.0491,
39.1261

■ 47.5634, 51.7683,
43.5624

■ 18.7072, 17.0028,
38.3728

■ 55.8682, 61.7734,
45.0558

■ 15.2392, 12.8241,
37.7490

■ 65.0861, 72.8783,
46.7134

■ 12.4508, 9.4643,
37.2475

■ 75.2437, 85.1152,
48.5400

■ 10.2976, 6.8696,
36.8601

■ 83.8830, 95.5332,
50.0956

■ 8.7296, 4.9798,
36.5780

■ 7.6894, 3.7260,
36.3908

■ 7.1082, 3.0251,
36.2862

Harmonies

Analogous

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



33.0115, 34.9204, 41.2144



33.5791, 34.9204, 41.0469



34.0477, 34.9204, 40.0565

Triad

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



33.5791, 34.9204, 41.0469



33.8937, 34.9204, 35.6407



32.1178, 34.9204, 37.5102

Complementary

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



33.5791, 34.9204, 41.0469



35.6200, 37.8820, 38.2359

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.



32.3484, 34.9204, 36.0583



33.5791, 34.9204, 41.0469



33.3708, 34.9204, 34.9996

Square

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



33.5791, 34.9204, 41.0469



34.2307, 34.9204, 36.9253



32.8055, 34.9204, 35.1502



32.1721, 34.9204, 39.1409

Rectangle

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



33.5791, 34.9204, 41.0469



34.2387, 34.9204, 39.0781



32.8055, 34.9204, 35.1502



32.1645, 34.9204, 36.9858

Sweetspot

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



33.5801, 34.9219, 41.0477



64.5883, 67.7697, 75.1520



34.8070, 37.3928, 41.4038



14.4685, 15.1835, 16.8203



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.



33.5801, 34.9219, 41.0477



59.9726, 62.2089, 74.3219



34.2598, 35.2715, 41.0793



7.6424, 7.9159, 9.5435



5.3381, 2.1364, 28.1065



0.1300, 0.0521, 0.6839

Inverse Universe

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



34.3828, 35.4070, 37.8248



61.7218, 63.2661, 67.2984



34.9206, 37.5223, 38.2033



7.8879, 8.0643, 8.5577



12.1950, 6.2867, 0.5726



0.2967, 0.1530, 0.0142

Previews

White Background



This preview shows how the XYZ color 33.5791, 34.9204, 41.0469 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 33.5791, 34.9204, 41.0469 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 33.5791, 34.9204, 41.0469

Background



This preview shows how black text looks on a background with the XYZ color 33.5791, 34.9204, 41.0469.

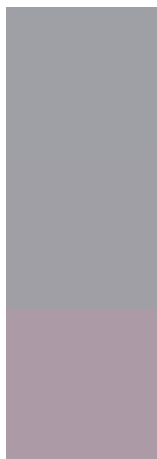


This preview shows how white text looks on a background with the XYZ color 33.5791, 34.9204,

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

33.5791, 34.9204, 41.0469

Protanopia

33.7783, 35.0230, 41.0562

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

34.0748, 34.8676, 43.4623

Trichromacy



Original Color

33.5791, 34.9204, 41.0469

Protanomaly

33.7783, 35.0230, 41.0562

Deuteranomaly

34.7999, 34.7824, 41.4387

Tritanomaly

33.8855, 34.7919, 42.4657

Monochromacy



Original Color

33.5791, 34.9204, 41.0469

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5896, 35.2238, 39.2109

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5791, 34.9204, 41.0469 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(159, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(159, 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(159, 159, 166) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 33.5791, 34.9204, 41.0469 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(159, 159, 166) }
```


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

```
.border{ border-color:rgb(159, 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(159, 159, 166)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 33.5791, 34.9204, 41.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(159,  
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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