

Converting Colors

XYZ(33.0184, 34.9025, 41.0039)

Have a look what the booklet for
XYZ(33.0184, 34.9025, 41.0039)
contains.

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Color

**XYZ(32.9713, 34.8633,
41.0679)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA0A6
RGB	155, 160, 166
RGB Percent	61%, 63%, 65%
CMY	0.3922, 0.3725, 0.3490
CMYK	0.07, 0.04, 0.00, 0.35
HSL	213°, 6%, 63%
HSV	213°, 7%, 65%
XYZ	32.9713, 34.8633, 41.0679
YIQ	159.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

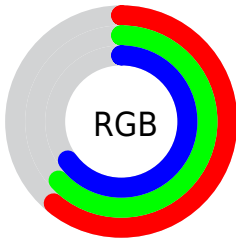
Format	Color
RYB	155, 158, 166
Decimal	10199206
CIELab	65.64, -0.59, -3.74
CIElCh	66, 3.787, 261.100
Yxy	34.8633, 0.3028, 0.3201
Android (android.graphics.Color)	4288389286 (0xFF9BA0A6)
YUV	159.1890, 3.3578, -3.6738
Hunter-Lab	59.0452, -3.6531, 0.0934

Details

The XYZ color **32.9713, 34.8633, 41.0679** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.3873, 35.9631, 36.1401**, and the grayscale version is **33.0286, 34.7487, 37.8413**.

A 20% lighter version of the original color is **63.6461, 67.3766, 78.0571**, and **14.2148, 15.0952, 18.0841** is the 20% darker color. If you saturate the color by 10%, you get **28.4898, 30.3087, 40.4255**, and if you desaturate by 10%, it is **38.0071, 39.8751, 41.7704**.

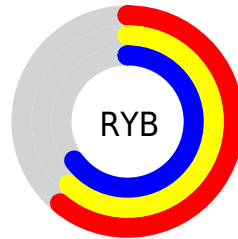
Distribution



Red (61%)

Green (63%)

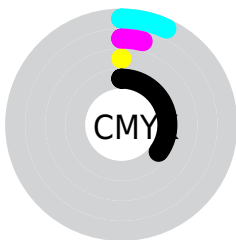
Blue (65%)



Red (61%)

Yellow (62%)

Blue (65%)

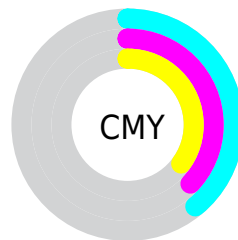


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (35%)



Cyan (39%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9713, 34.8633, 41.0679 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 32.9713, 34.8633, 41.0679 by changing the saturation by 10% instead.

■ 32.9713, 34.8633,
41.0679

■ 32.9713, 34.8633,
41.0679

307.1877,
323.9645, 366.2894

■ 22.2636, 23.5576,
28.0520

■ 63.6857, 67.2739,
78.0417

■ 14.1684, 15.0058,
18.1255

■ 84.4231, 89.1477,
102.8368

■ 8.3204, 8.8234,
10.8698

109.2344,
115.3129, 132.3954

■ 4.3541, 4.6262,
5.8663

138.4851,
146.1539, 167.1360

■ 1.9044, 2.0297,
2.6965

172.5403,
182.0552, 207.4771

■ 0.5794, 0.6246,
0.9416

211.7656,

■ 0.0000, 0.0000,

223.4011, 253.8374

0.0000

256.5263,
270.5761, 306.6353

■ 32.9713, 34.8633,
41.0679

■ 32.9713, 34.8633,
41.0679

■ 28.4898, 30.3087,
40.4255

■ 38.0071, 39.8751,
41.7704

■ 24.5393, 26.1930,
39.8393

■ 43.6132, 45.3531,
42.5323

■ 21.0994, 22.5028,
39.3083

■ 49.8088, 51.3114,
43.3558

■ 18.1472, 19.2224,
38.8308

■ 56.6112, 57.7623,
44.2424

■ 15.6576, 16.3351,
38.4047

■ 64.0370, 64.7174,
45.1935

■ 13.6035, 13.8225,
38.0280

■ 72.1020, 72.1881,
46.2104

■ 11.9542, 11.6648,
37.6984

■ 74.6074, 76.9819,
47.0037

■ 10.6749, 9.8392,
37.4134

■ 77.0959, 81.9589,
47.8332

■ 9.7163, 8.3157,
37.1699

■ 79.7157, 87.1986,
48.7065

Harmonies

Analogous

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



32.4693, 34.8633, 40.3945



32.9713, 34.8633, 41.0679



33.5231, 34.8633, 40.8906

Triad

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



32.9713, 34.8633, 41.0679



34.1445, 34.8633, 36.8680



32.3110, 34.8633, 36.0688

Complementary

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



32.9713, 34.8633, 41.0679



34.3873, 35.9631, 36.1401

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.



32.7529, 34.8633, 35.1733



32.9713, 34.8633, 41.0679



33.8128, 34.8633, 35.6257

Square

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



32.9713, 34.8633, 41.0679



34.2046, 34.8633, 38.4362



33.3023, 34.8633, 35.0134



32.0909, 34.8633, 37.4882

Rectangle

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



32.9713, 34.8633, 41.0679



33.8447, 34.8633, 40.3158



33.3023, 34.8633, 35.0134



32.4383, 34.8633, 35.6982

Sweetspot

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



32.9723, 34.8648, 41.0687



63.9075, 67.3445, 75.1058



33.5756, 36.8101, 38.9926



14.3245, 15.0936, 16.8105



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.



32.9723, 34.8648, 41.0687



58.5385, 61.9640, 74.3502



32.1929, 33.2014, 40.7887



7.4023, 7.8415, 9.5418



7.3599, 6.1801, 28.7805



0.2306, 0.2533, 0.7174

Inverse Universe

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



33.7932, 34.0885, 38.0580



60.3576, 60.2687, 67.6729



35.2023, 37.7070, 36.4338



7.6676, 7.5969, 8.5670



13.2156, 6.6949, 5.9466



0.3475, 0.1733, 0.2815

Previews

White Background



This preview shows how the XYZ color 32.9713, 34.8633, 41.0679 looks on a white background.

Color Contrast Check

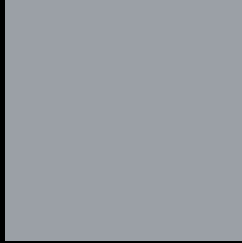
Large Text (above 18pt) WCAG AA × Fail

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 32.9713, 34.8633, 41.0679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

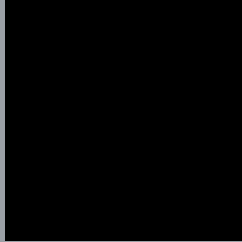
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9713, 34.8633, 41.0679

Background



This preview shows how black text looks on a background with the XYZ color 32.9713, 34.8633, 41.0679.



This preview shows how white text looks on a background with the XYZ color 32.9713, 34.8633,

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

32.9713, 34.8633, 41.0679

Protanopia

33.5156, 34.6439, 40.5178

Deuteranopia

35.4910, 34.8906, 41.4232



Tritanopia

33.5548, 34.8428, 43.9865

Trichromacy



Original Color

32.9713, 34.8633, 41.0679

Protanomaly

33.2902, 34.7820, 40.5563

Deuteranomaly

34.5491, 34.9033, 41.4753

Tritanomaly

33.3641, 34.7665, 42.9823

Monochromacy



Original Color

32.9713, 34.8633, 41.0679

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0203, 34.6740, 39.1348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9713, 34.8633, 41.0679 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, 160, 166)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 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(155, 160, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.9713, 34.8633, 41.0679 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, 160, 166) }
```


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

```
.border{ border-color:rgb(155, 160, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 166);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9713, 34.8633, 41.0679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 166) }
```

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

```
.background{ background-color: rgb(155,  
160, 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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