

Converting Colors

XYZ(34.7070, 35.9615, 41.0683)

Have a look what the booklet for
XYZ(34.7070, 35.9615, 41.0683)
contains.

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Color

**XYZ(34.7321, 36.0294,
41.2002)**

Conversions

Conversions Part 1

Format	Color
Hex	A3A1A6
RGB	163, 161, 166
RGB Percent	64%, 63%, 65%
CMY	0.3608, 0.3686, 0.3490
CMYK	0.02, 0.03, 0.00, 0.35
HSL	264°, 3%, 64%
HSV	264°, 3%, 65%
XYZ	34.7321, 36.0294, 41.2002
YIQ	162.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

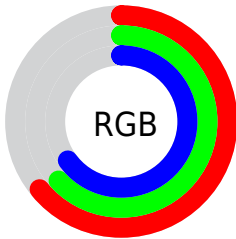
Format	Color
RYB	163, 161, 166
Decimal	10723750
CIELab	66.54, 1.68, -2.34
CIELCh	67, 2.883, 305.624
Yxy	36.0294, 0.3102, 0.3218
Android (android.graphics.Color)	4288913830 (0xFFA3A1A6)
YUV	162.1680, 1.8892, 0.7297
Hunter-Lab	60.0245, -1.7570, 1.3211

Details

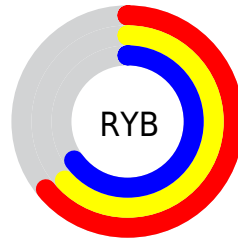
The XYZ color **34.7321, 36.0294, 41.2002** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.3803, 37.7391, 39.1396**, and the grayscale version is **34.4138, 36.2060, 39.4283**.

A 20% lighter version of the original color is **66.5205, 69.2376, 78.2648**, and **15.1687, 15.7463, 18.1594** is the 20% darker color. If you saturate the color by 10%, you get **30.0615, 29.5982, 40.2056**, and if you desaturate by 10%, it is **39.9506, 43.3169, 42.3323**.

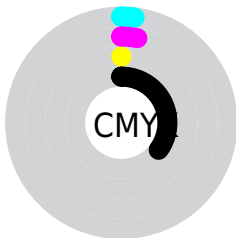
Distribution



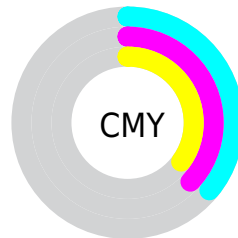
- Red (64%)
- Green (63%)
- Blue (65%)



- Red (64%)
- Yellow (63%)
- Blue (65%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (36%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7321, 36.0294, 41.2002 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 34.7321, 36.0294, 41.2002 by changing the saturation by 10% instead.

■ 34.7321, 36.0294,
41.2002

■ 34.7321, 36.0294,
41.2002

314.9130,
329.0890, 366.8580

■ 23.6221, 24.4569,
28.1547

■ 66.4073, 69.0774,
78.2447

■ 15.1768, 15.6729,
18.2022

■ 87.7032, 91.3218,
103.0807

■ 9.0307, 9.2930,
10.9243

113.1252,
117.8922, 132.6840

■ 4.8185, 4.9328,
5.9024

143.0386,
149.1730, 167.4731

■ 2.1748, 2.2079,
2.7180

177.8087,
185.5488, 207.8665

■ 0.7294, 0.7243,
0.9525

217.8009,

■ 0.0000, 0.0000,

227.4037, 254.2827

0.0000

263.3806,
275.1224, 307.1404

■ 34.7321, 36.0294,
41.2002

■ 34.7321, 36.0294,
41.2002

■ 30.0615, 29.5982,
40.2056

■ 39.9506, 43.3169,
42.3323

■ 25.9171, 23.9866,
39.3408

■ 45.7319, 51.4862,
43.6045

■ 22.2799, 19.1620,
38.6013

■ 52.0937, 60.5679,
45.0221

■ 19.1289, 15.0881,
37.9810

■ 59.0525, 70.5892,
46.5896

■ 16.4412, 11.7253,
37.4736

■ 66.6236, 81.5765,
48.3114

■ 14.1920, 9.0304,
37.0720

■ 73.0081, 89.9270,
49.5867

■ 12.3539, 6.9554,
36.7684

■ 76.1652, 91.5545,
49.7344

■ 10.8961, 5.4456,
36.5538

■ 79.5060, 93.2768,
49.8908

■ 9.7822, 4.4359,
36.4176

■ 83.0332, 95.0951,
50.0558

Harmonies

Analogous

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



34.3265, 36.0294, 41.6510



34.7321, 36.0294, 41.2002



35.0088, 36.0294, 40.2223

Triad

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



34.7321, 36.0294, 41.2002



34.5896, 36.0294, 37.0978



33.4230, 36.0294, 39.4640

Complementary

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



34.7321, 36.0294, 41.2002



35.3803, 37.7391, 39.1396

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.



33.4921, 36.0294, 38.2540



34.7321, 36.0294, 41.2002



34.1633, 36.0294, 36.9045

Square

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



34.7321, 36.0294, 41.2002



34.9261, 36.0294, 37.8574



33.7622, 36.0294, 37.3234



33.5725, 36.0294, 40.6352

Rectangle

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



34.7321, 36.0294, 41.2002



35.0817, 36.0294, 39.4121



33.7622, 36.0294, 37.3234



33.4214, 36.0294, 39.0482

Sweetspot

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



34.7331, 36.0309, 41.2010



64.8425, 67.9004, 75.1638



34.8725, 36.9122, 41.3637



14.5222, 15.2111, 16.8228



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.



34.7331, 36.0309, 41.2010



62.0879, 64.0772, 74.5710



35.2327, 36.2885, 41.2244



7.9177, 8.1484, 9.5738



7.1485, 3.0686, 28.1910



0.2319, 0.1046, 0.6886

Inverse Universe

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



35.1728, 36.2786, 40.2722



63.1627, 64.6827, 72.2959



34.8863, 37.4844, 39.1164



8.0749, 8.2370, 9.2406



13.9883, 7.0040, 10.0161



0.3646, 0.1801, 0.3713

Previews

White Background



This preview shows how the XYZ color 34.7321, 36.0294, 41.2002 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 34.7321, 36.0294, 41.2002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

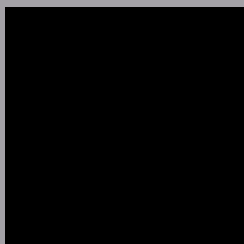
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7321, 36.0294, 41.2002

Background



This preview shows how black text looks on a background with the XYZ color 34.7321, 36.0294, 41.2002.



This preview shows how white text looks on a background with the XYZ color 34.7321, 36.0294,

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

34.7321, 36.0294, 41.2002

Protanopia

34.7321, 36.0294, 41.2002

Deuteranopia

36.7112, 36.0179, 41.5765



Tritanopia

35.4235, 36.0513, 44.6267

Trichromacy



Original Color

34.7321, 36.0294, 41.2002

Protanomaly

34.7321, 36.0294, 41.2002

Deuteranomaly

35.9965, 35.9017, 41.5917

Tritanomaly

35.1363, 35.9364, 43.1147

Monochromacy



Original Color

34.7321, 36.0294, 41.2002

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.4315, 36.1664, 39.8164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7321, 36.0294, 41.2002 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(163, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(163, 161, 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(163, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.7321, 36.0294, 41.2002 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(163, 161, 166) }
```


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

```
.border{ border-color:rgb(163, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(163, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7321, 36.0294, 41.2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 161, 166) }
```

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

```
.background{ background-color: rgb(163,  
161, 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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