

Converting Colors

XYZ(34.0971, 33.9774, 40.6317)

Have a look what the booklet for
XYZ(34.0971, 33.9774, 40.6317)
contains.

XYZ(34.1644, 33.9714, 40.8329)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.1644, 33.9714,
40.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	A69AA6
RGB	166, 154, 166
RGB Percent	65%, 60%, 65%
CMY	0.3490, 0.3961, 0.3490
CMYK	0.00, 0.07, 0.00, 0.35
HSL	300°, 6%, 63%
HSV	300°, 7%, 65%
XYZ	34.1644, 33.9714, 40.8329
YIQ	158.9560, 3.3000, 6.2760

Conversions

Conversions Part 2

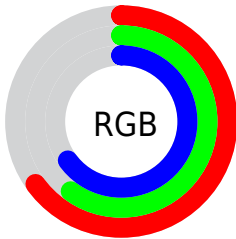
Format	Color
RYB	166, 154, 166
Decimal	10918566
CIELab	64.94, 6.63, -4.68
CIELCh	65, 8.112, 324.802
Yxy	33.9714, 0.3135, 0.3118
Android (android.graphics.Color)	4289108646 (0xFFA69AA6)
YUV	158.9560, 3.4727, 6.1776
Hunter-Lab	58.2850, 2.6310, -0.7375

Details

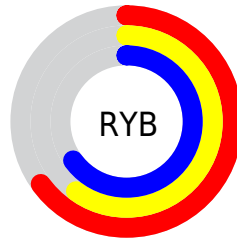
The XYZ color **34.1644, 33.9714, 40.8329** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7968, 36.4765, 35.8858**, and the grayscale version is **32.9190, 34.6333, 37.7157**.

A 20% lighter version of the original color is **65.4258, 65.7044, 77.6405**, and **14.8269, 14.4928, 17.9355** is the 20% darker color. If you saturate the color by 10%, you get **31.6122, 28.8667, 39.9826**, and if you desaturate by 10%, it is **37.0974, 39.8369, 41.8110**.

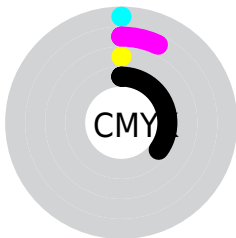
Distribution



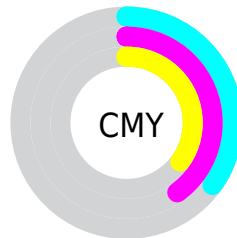
- Red (65%)
- Green (60%)
- Blue (65%)



- Red (65%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (35%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1644, 33.9714, 40.8329 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 34.1644, 33.9714, 40.8329 by changing the saturation by 10% instead.

■ 34.1644, 33.9714,
40.8329

■ 34.1644, 33.9714,
40.8329

312.4375,
320.0045, 365.2777

■ 23.1834, 22.8716,
27.8698

■ 65.5318, 65.8892,
77.6811

■ 14.8504, 14.4987,
17.9894

■ 86.6490, 87.4760,
102.4033

■ 8.8001, 8.4684,
10.7730

111.8756,
113.3273, 131.8822

■ 4.6671, 4.3961,
5.8022

141.5770,
143.8274, 166.5365

■ 2.0860, 1.8975,
2.6583

176.1185,
179.3608, 206.7847

■ 0.6816, 0.5469,
0.9223

215.8655,

■ 0.0000, 0.0000,

220.3119, 253.0452

0.0000

261.1834,
267.0650, 305.7367

■ 34.1644, 33.9714,
40.8329

■ 34.1644, 33.9714,
40.8329

■ 31.6122, 28.8667,
39.9826

■ 37.0974, 39.8369,
41.8110

■ 29.4225, 24.4874,
39.2527

■ 40.4230, 46.4878,
42.9195

■ 27.5797, 20.8019,
38.6385

■ 44.1557, 53.9533,
44.1637

■ 26.0661, 17.7747,
38.1340

■ 48.3089, 62.2595,
45.5481

■ 24.8622, 15.3670,
37.7327

■ 52.8950, 71.4316,
47.0767

■ 23.9467, 13.5361,
37.4275

■ 57.9261, 81.4936,
48.7537

■ 23.2954, 12.2337,
37.2105

■ 58.3696, 82.3806,
48.9016

■ 22.8804, 11.4038,
37.0722

■ 58.3697, 82.3806,
48.9016

■ 22.6584, 10.9599,
36.9982

■ 58.3698, 82.3806,
48.9016

Harmonies

Analogous

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



33.2428, 33.9714, 43.1586



34.1644, 33.9714, 40.8329



34.5841, 33.9714, 37.5765

Triad

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



34.1644, 33.9714, 40.8329



32.4933, 33.9714, 30.9302



30.2872, 33.9714, 39.7613

Complementary

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



34.1644, 33.9714, 40.8329



32.7968, 36.4765, 35.8858

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.



30.0974, 33.9714, 36.4078



34.1644, 33.9714, 40.8329



31.3532, 33.9714, 31.4374

Square

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



34.1644, 33.9714, 40.8329



33.6044, 33.9714, 31.9647



30.4831, 33.9714, 33.3944



31.0079, 33.9714, 42.5142

Rectangle

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



34.1644, 33.9714, 40.8329



34.5156, 33.9714, 35.3656



30.4831, 33.9714, 33.3944



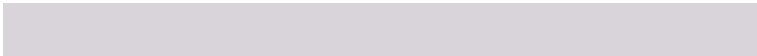
30.1599, 33.9714, 38.6615

Sweetspot

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



34.1654, 33.9729, 40.8336



64.6802, 67.0049, 74.9995



31.7996, 32.8023, 40.7324



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.



34.1654, 33.9729, 40.8336



61.0541, 59.7528, 73.7908



33.6453, 33.7648, 38.0947



7.8419, 7.6666, 9.4848



17.5315, 8.4212, 28.6769



0.4265, 0.2049, 0.6977

Inverse Universe

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



33.1155, 33.5529, 35.3048



58.6683, 58.7985, 61.2265



33.2915, 36.6744, 38.4915



7.5311, 7.5423, 7.8482



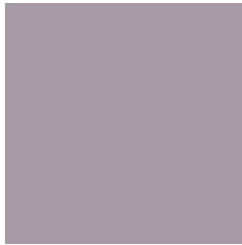
12.1947, 6.2866, 0.5708



0.2967, 0.1530, 0.0139

Previews

White Background



This preview shows how the XYZ color 34.1644, 33.9714, 40.8329 looks on a white background.

Color Contrast Check

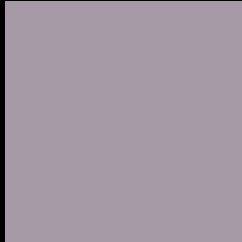
Large Text (above 18pt) WCAG AA × Fail

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 34.1644, 33.9714, 40.8329 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 34.1644, 33.9714, 40.8329

Background



This preview shows how black text looks on a background with the XYZ color 34.1644, 33.9714, 40.8329.



This preview shows how white text looks on a background with the XYZ color 34.1644, 33.9714,

40.8329.

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

34.1644, 33.9714, 40.8329

Protanopia

33.0295, 34.1092, 41.8887

Deuteranopia

34.6364, 33.9707, 40.8079



Tritanopia

34.1644, 33.9714, 40.8329

Trichromacy



Original Color

34.1644, 33.9714, 40.8329

Protanomaly

33.3607, 34.0405, 41.3714

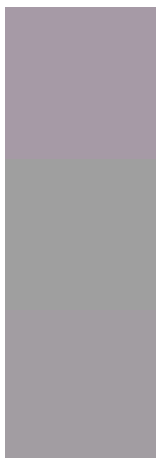
Deuteranomaly

34.4226, 33.8605, 40.7978

Tritanomaly

34.1644, 33.9714, 40.8329

Monochromacy



Original Color

34.1644, 33.9714, 40.8329

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.4788, 34.4040, 39.0585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1644, 33.9714, 40.8329 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(166, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 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(166, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 166) }
```

Border

The CSS property to change the border of an element to XYZ 34.1644, 33.9714, 40.8329 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(166, 154, 166) }
```


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

```
.border{ border-color:rgb(166, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1644, 33.9714, 40.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 166) }
```

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

```
.background{ background-color: rgb(166,  
154, 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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