

Converting Colors

XYZ(34.0344, 35.8974, 41.6745)

Have a look what the booklet for
XYZ(34.0344, 35.8974, 41.6745)
contains.

XYZ(33.9959, 35.8998, 41.6968)	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(33.9959, 35.8998,
41.6968)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA2A7
RGB	158, 162, 167
RGB Percent	62%, 64%, 65%
CMY	0.3804, 0.3647, 0.3451
CMYK	0.05, 0.03, 0.00, 0.35
HSL	213°, 5%, 64%
HSV	213°, 5%, 65%
XYZ	33.9959, 35.8998, 41.6968
YIQ	161.3740, -3.9890, 0.7070

Conversions

Conversions Part 2

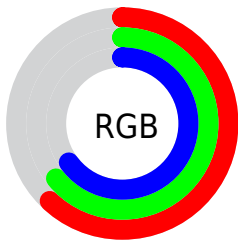
Format	Color
RYB	158, 161, 167
Decimal	10396327
CIELab	66.44, -0.44, -3.09
CIELCh	66, 3.124, 261.956
Yxy	35.8998, 0.3046, 0.3217
Android (android.graphics.Color)	4288586407 (0xFF9EA2A7)
YUV	161.3740, 2.7736, -2.9590
Hunter-Lab	59.9164, -3.5749, 0.6807

Details

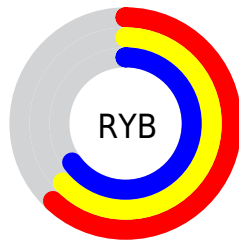
The XYZ color **33.9959, 35.8998, 41.6968** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2051, 36.8780, 37.6109**, and the grayscale version is **34.0399, 35.8127, 39.0000**.

A 20% lighter version of the original color is **65.4382, 69.0458, 78.9854**, and **14.7338, 15.5155, 18.4379** is the 20% darker color. If you saturate the color by 10%, you get **29.3582, 31.1739, 41.0296**, and if you desaturate by 10%, it is **39.2025, 41.0998, 42.4266**.

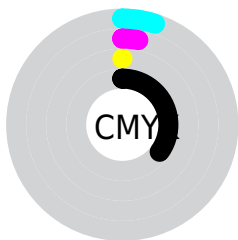
Distribution



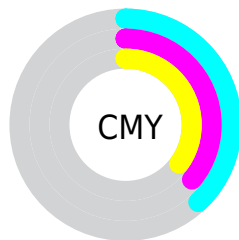
- Red (62%)
- Green (64%)
- Blue (65%)



- Red (62%)
- Yellow (63%)
- Blue (65%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (35%)



- Cyan (38%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9959, 35.8998, 41.6968 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 33.9959, 35.8998, 41.6968 by changing the saturation by 10% instead.

■ 33.9959, 35.8998,
41.6968

■ 33.9959, 35.8998,
41.6968

311.7000,
328.5224, 368.9870

■ 23.0533, 24.3568,
28.5402

■ 65.2716, 68.8774,
79.0057

■ 14.7538, 15.5985,
18.4907

■ 86.3355, 91.0808,
103.9950

■ 8.7320, 9.2405,
11.1298

111.5038,
117.6064, 133.7656

■ 4.6225, 4.8984,
6.0389

141.1420,
148.8387, 168.7360

■ 2.0600, 2.1878,
2.7996

175.6153,
185.1621, 209.3249

■ 0.6673, 0.7133,
0.9932

215.2892,

■ 0.0000, 0.0000,

226.9609, 255.9506

0.0000

260.5290,
274.6195, 309.0318

■ 33.9959, 35.8998,
41.6968

■ 33.9959, 35.8998,
41.6968

■ 29.3582, 31.1739,
41.0296

■ 39.2025, 41.0998,
42.4266

■ 25.2660, 26.9031,
40.4209

■ 44.9943, 46.7831,
43.2184

■ 21.6983, 23.0738,
39.8698

■ 51.3909, 52.9642,
44.0743

■ 18.6321, 19.6699,
39.3744

■ 58.4096, 59.6557,
44.9960

■ 16.0421, 16.6742,
38.9327

■ 66.0675, 66.8697,
45.9848

■ 13.9007, 14.0680,
38.5425

■ 73.1929, 74.0056,
46.9866

■ 12.1773, 11.8308,
38.2015

■ 75.6599, 78.9396,
47.8089

■ 10.8368, 9.9399,
37.9072

■ 78.2635, 84.1467,
48.6768

■ 9.8353, 8.3673,
37.6564

■ 81.0057, 89.6311,
49.5908

Harmonies

Analogous

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



33.5701, 35.8998, 41.1539



33.9959, 35.8998, 41.6968



34.4593, 35.8998, 41.5283

Triad

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



33.9959, 35.8998, 41.6968



34.9632, 35.8998, 38.1330



33.4178, 35.8998, 37.5218

Complementary

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



33.9959, 35.8998, 41.6968



35.2051, 36.8780, 37.6109

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.



33.7863, 35.8998, 36.7467



33.9959, 35.8998, 41.6968



34.6793, 35.8998, 37.0939

Square

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



33.9959, 35.8998, 41.6968



35.0206, 35.8998, 39.4506



34.2478, 35.8998, 36.5918



33.2383, 35.8998, 38.7292

Rectangle

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



33.9959, 35.8998, 41.6968



34.7269, 35.8998, 41.0370



34.2478, 35.8998, 36.5918



33.5235, 35.8998, 37.2032

Sweetspot

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



33.9969, 35.9013, 41.6976



63.8965, 67.3225, 75.1021



34.5261, 37.5496, 40.0554



14.3222, 15.0889, 16.8097



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.



33.9969, 35.9013, 41.6976



60.2544, 63.6592, 74.5870



33.3916, 34.5590, 41.4704



7.7028, 8.1401, 9.5836



7.2728, 6.0059, 28.7514



0.2283, 0.2489, 0.7167

Inverse Universe

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



34.6856, 35.2784, 39.1656



61.6476, 62.4077, 69.4624



35.8322, 38.2732, 37.8471



7.8931, 7.9697, 8.8832



13.1716, 6.6773, 5.7151



0.3464, 0.1728, 0.2757

Previews

White Background



This preview shows how the XYZ color 33.9959, 35.8998, 41.6968 looks on a white background.

Color Contrast Check

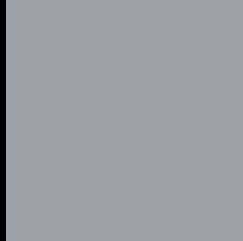
Large Text (above 18pt) WCAG AA × Fail

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 33.9959, 35.8998, 41.6968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

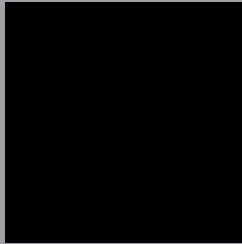
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9959, 35.8998, 41.6968

Background



This preview shows how black text looks on a background with the XYZ color 33.9959, 35.8998, 41.6968.



This preview shows how white text looks on a background with the XYZ color 33.9959, 35.8998,

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

33.9959, 35.8998, 41.6968

Protanopia

34.7321, 36.0294, 41.2002

Deuteranopia

36.5804, 35.9398, 42.0549



Tritanopia

34.6829, 35.9167, 45.1490

Trichromacy



Original Color

33.9959, 35.8998, 41.6968

Protanomaly

34.3257, 35.8200, 41.1812

Deuteranomaly

35.6145, 35.9483, 42.1074

Tritanomaly

34.3936, 35.8009, 43.6256

Monochromacy



Original Color

33.9959, 35.8998, 41.6968

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.8529, 35.6077, 39.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9959, 35.8998, 41.6968 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(158, 162, 167)` looks like.

```
.text, #text, p{  
    color:rgb(158, 162, 167)  
}
```

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(158, 162, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 162, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.9959, 35.8998, 41.6968 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(158, 162, 167) }
```


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

```
.border{ border-color:rgb(158, 162, 167) }
```

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

Here you see how a box with a 4 pixel rgb(158, 162, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 162, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 162, 167);  
box-shadow:4px 4px 4px 4px rgb(158, 162,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9959, 35.8998, 41.6968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 162, 167) }
```

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

```
.background{ background-color: rgb(158,  
162, 167) }
```

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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