

Converting Colors

XYZ(34.7673, 36.7996, 37.4108)

Have a look what the booklet for
XYZ(34.7673, 36.7996, 37.4108)
contains.

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Color

**XYZ(34.9641, 37.0189,
37.6503)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | A5A49E |
| RGB | 165, 164, 158 |
| RGB Percent | 65%, 64%, 62% |
| CMY | 0.3529, 0.3568, 0.3804 |
| CMYK | 0.00, 0.01, 0.04, 0.35 |
| HSL | 51°, 4%, 63% |
| HSV | 51°, 4%, 65% |
| XYZ | 34.9641, 37.0189, 37.6503 |
| YIQ | 163.6150, 2.5220, -1.6540 |

Conversions

Conversions Part 2

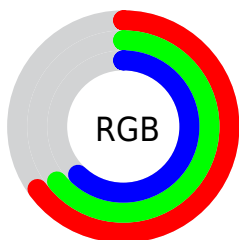
| Format | Color |
|-------------------------------------|--|
| RYB | 159, 165, 158 |
| Decimal | 10855582 |
| CIELab | 67.29, -0.75, 3.23 |
| CIELCh | 67, 3.314, 103.152 |
| Yxy | 37.0189, 0.3189, 0.3377 |
| Android (android.graphics.Color) | 4289045662 (0xFFA5A49E) |
| YUV | 163.6150, -2.7682, 1.2146 |
| Hunter-Lab | 60.8432, -3.8988, 5.9010 |

Details

The XYZ color **34.9641, 37.0189, 37.6503** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2902, 34.7815, 40.5568**, and the grayscale version is **35.1165, 36.9453, 40.2334**.

A 20% lighter version of the original color is **66.8570, 70.6828, 73.0702**, and **15.2581, 16.1606, 16.2250** is the 20% darker color. If you saturate the color by 10%, you get **33.2218, 35.6564, 30.5266**, and if you desaturate by 10%, it is **36.9069, 38.4764, 45.7826**.

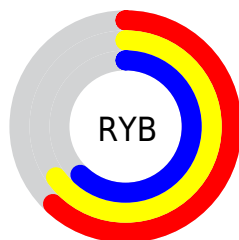
Distribution



Red (65%)

Green (64%)

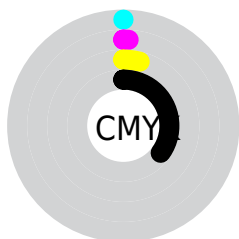
Blue (62%)



Red (62%)

Yellow (65%)

Blue (62%)

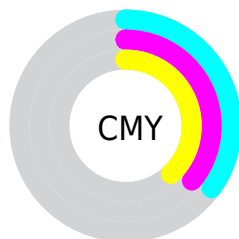


Cyan (0%)

Magenta (1%)

Yellow (4%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9641, 37.0189, 37.6503 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 34.9641, 37.0189, 37.6503 by changing the saturation by 10% instead.


 34.9641, 37.0189,
37.6503


 34.9641, 37.0189,
37.6503


315.9206,
333.3923, 351.3706

 23.8016, 25.2221,
25.4117


 66.7645, 70.6019,
72.7693

 15.3105, 16.2426,
16.1622


 88.1332, 93.1568,
96.4867

 9.1253, 9.6960,
9.4834


113.6346,
120.0666, 124.8675

 4.8808, 5.1979,
4.9567

143.6342,
151.7157, 158.3302

 2.2115, 2.3638,
2.1636

178.4972,
188.4884, 197.2933

 0.7488, 0.8072,
0.6532


218.5890,


 0.0000, 0.0000,


230.7692, 242.1754

0.0000


264.2751,
278.9423, 293.3949


 34.9641, 37.0189,
37.6503


 34.9641, 37.0189,
37.6503

 33.2218, 35.6564,
30.5266


 36.9069, 38.4764,
45.7826


 31.6695, 34.3811,
24.3694


 39.0544, 40.0271,
54.9587


 30.2999, 33.1912,
19.1371


 41.4144, 41.6754,
65.2149

 29.1046, 32.0831,
14.7841


 43.9933, 43.4239,
76.5851


 28.0739, 31.0532,
11.2610


 46.7974, 45.2751,
89.1019


 27.1977, 30.0971,
8.5136


 49.5085, 47.1020,
101.0899

 26.4642, 29.2102,
6.4811

 49.9805, 48.0459,
101.2473

 25.8602, 28.3870,
5.0936

 50.4606, 49.0060,
101.4073

 25.3697, 27.6211,
4.2671

 50.9487, 49.9823,
101.5700

Harmonies

Analogous

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



35.4686, 37.0189, 37.6948



34.9641, 37.0189, 37.6503



34.5231, 37.0189, 38.3054

Triad

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



34.9641, 37.0189, 37.6503



34.4792, 37.0189, 42.2463



36.1263, 37.0189, 41.1216

Complementary

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



34.9641, 37.0189, 37.6503



33.2902, 34.7815, 40.5568

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.



35.8560, 37.0189, 42.3778



34.9641, 37.0189, 37.6503



34.9037, 37.0189, 43.0377

Square

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



34.9641, 37.0189, 37.6503



34.2449, 37.0189, 40.9456



35.4075, 37.0189, 43.0864



36.1428, 37.0189, 39.6756

Rectangle

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



34.9641, 37.0189, 37.6503



34.3231, 37.0189, 39.0600



35.4075, 37.0189, 43.0864



36.0620, 37.0189, 41.5809

Sweetspot

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



34.9651, 37.0205, 37.6511



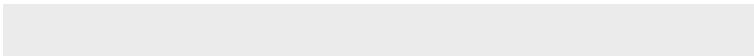
63.7009, 67.1226, 71.9243



34.0068, 34.9586, 37.7795



13.9307, 14.6776, 15.7424



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9651, 37.0205, 37.6511



62.3404, 66.0864, 66.2768



34.6395, 37.1186, 37.6872



7.7093, 8.1780, 8.1387



19.0279, 20.6298, 2.9791



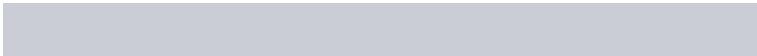
0.4219, 0.4776, 0.0699

Inverse Universe

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



33.2902, 34.7815, 40.5568



58.7604, 61.3007, 72.4875



33.6063, 34.6909, 40.5226



7.2266, 7.5327, 8.9761



5.4006, 2.5806, 27.1432



0.1356, 0.0984, 0.5777

Previews

White Background



This preview shows how the XYZ color 34.9641, 37.0189, 37.6503 looks on a white background.

Color Contrast Check

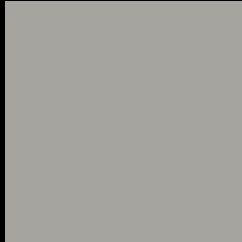
Large Text (above 18pt) WCAG AA × Fail

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 34.9641, 37.0189, 37.6503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

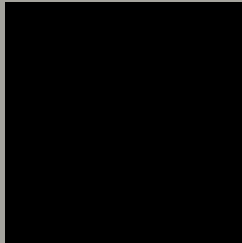
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9641, 37.0189, 37.6503

Background



This preview shows how black text looks on a background with the XYZ color 34.9641, 37.0189, 37.6503.



This preview shows how white text looks on a background with the XYZ color 34.9641, 37.0189,

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

34.9641, 37.0189, 37.6503

Protanopia

35.3314, 36.9535, 37.1689

Deuteranopia

37.5409, 36.7807, 37.9216



Tritanopia

36.4967, 37.1121, 45.2842

Trichromacy



Original Color
34.9641, 37.0189, 37.6503

Protanomaly
35.1193, 36.8442, 37.1589

Deuteranomaly
36.5080, 36.7588, 37.9719

Tritanomaly
35.8910, 37.1285, 42.3207

Monochromacy



Original Color
34.9641, 37.0189, 37.6503

Achromatopsia
35.2861, 37.1238, 40.4278

Achromatomaly
35.1069, 37.0521, 39.4839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9641, 37.0189, 37.6503 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(165, 164, 158) looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 158)  
}
```

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(165, 164, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 158) }
```

Border

The CSS property to change the border of an element to XYZ 34.9641, 37.0189, 37.6503 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(165, 164, 158) }
```


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

```
.border{ border-color:rgb(165, 164, 158) }
```

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

Here you see how a box with a 4 pixel rgb(165, 164, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 158);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9641, 37.0189, 37.6503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 158) }
```

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

```
.background{ background-color: rgb(165,  
164, 158) }
```

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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