

Converting Colors

XYZ(34.8472, 37.1902, 40.3386)

Have a look what the booklet for
XYZ(34.8472, 37.1902, 40.3386)
contains.

XYZ(34.8539, 37.1677, 40.4590)	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(34.8539, 37.1677,
40.4590)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A5A4
RGB	161, 165, 164
RGB Percent	63%, 65%, 64%
CMY	0.3686, 0.3529, 0.3569
CMYK	0.02, 0.00, 0.01, 0.35
HSL	165°, 2%, 64%
HSV	165°, 2%, 65%
XYZ	34.8539, 37.1677, 40.4590
YIQ	163.6900, -2.0630, -1.1590

Conversions

Conversions Part 2

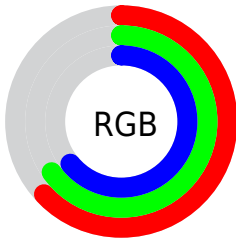
Format	Color
RYB	161, 163, 165
Decimal	10593700
CIELab	67.40, -1.61, 0.01
CIElCh	67, 1.611, 179.566
Yxy	37.1677, 0.3099, 0.3304
Android (android.graphics.Color)	4288783780 (0xFFA1A5A4)
YUV	163.6900, 0.1528, -2.3591
Hunter-Lab	60.9653, -4.6408, 3.3285

Details

The XYZ color **34.8539, 37.1677, 40.4590** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7849, 36.0986, 39.3187**, and the grayscale version is **35.1402, 36.9702, 40.2606**.

A 20% lighter version of the original color is **66.6983, 70.8998, 77.1875**, and **15.2602, 16.2951, 17.6702** is the 20% darker color. If you saturate the color by 10%, you get **31.3786, 35.4196, 38.3795**, and if you desaturate by 10%, it is **38.7823, 39.1500, 42.6246**.

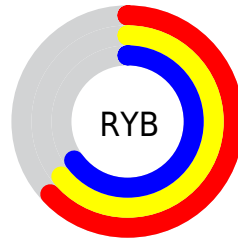
Distribution



Red (63%)

Green (65%)

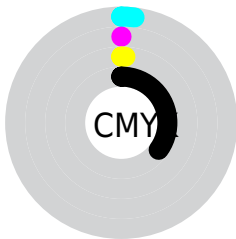
Blue (64%)



Red (63%)

Yellow (64%)

Blue (65%)

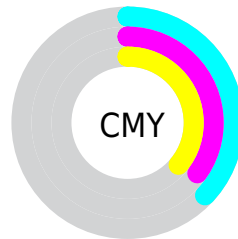


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (37%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8539, 37.1677, 40.4590 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 34.8539, 37.1677, 40.4590 by changing the saturation by 10% instead.

■ 34.8539, 37.1677,
40.4590

■ 34.8539, 37.1677,
40.4590

315.4423,
334.0360, 363.6639

■ 23.7163, 25.3374,
27.5801

■ 66.5949, 70.8306,
77.1067

■ 15.2469, 16.3286,
17.7731

■ 87.9290, 93.4320,
101.7125

■ 9.0803, 9.7570,
10.6194

113.3927,
120.3925, 131.0644

■ 4.8511, 5.2381,
5.7006

143.3514,
152.0966, 165.5810

■ 2.1940, 2.3876,
2.5981

178.1703,
188.9286, 205.6806

■ 0.7396, 0.8195,
0.8915

218.2149,

■ 0.0000, 0.0000,

231.2729, 251.7820

0.0000

263.8504,
279.5139, 304.3035

■ 34.8539, 37.1677,
40.4590

■ 34.8539, 37.1677,
40.4590

■ 31.3786, 35.4196,
38.3795

■ 38.7823, 39.1500,
42.6246

■ 28.3361, 33.8922,
36.3822

■ 43.1768, 41.3702,
44.8752

■ 25.7091, 32.5776,
34.4666

■ 48.0540, 43.8378,
47.2130

■ 23.4781, 31.4658,
32.6311

■ 53.4284, 46.5603,
49.6391

■ 21.6217, 30.5458,
30.8741

■ 59.3143, 49.5450,
52.1548

■ 20.1169, 29.8056,
29.1938

■ 63.8602, 51.8375,
54.6741

■ 18.9376, 29.2320,
27.5885

■ 64.3149, 52.0194,
57.0686

■ 18.0543, 28.8096,
26.0560

■ 64.7826, 52.2064,
59.5310

■ 17.4318, 28.5204,
24.5941

■ 65.2632, 52.3987,
62.0619

Harmonies

Analogous

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



34.9188, 37.1677, 39.7841



34.8539, 37.1677, 40.4590



34.9152, 37.1677, 41.1443

Triad

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



34.8539, 37.1677, 40.4590



35.5617, 37.1677, 41.6642



35.5680, 37.1677, 39.3076

Complementary

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



34.8539, 37.1677, 40.4590



34.7849, 36.0986, 39.3187

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.



35.7416, 37.1677, 39.8017



34.8539, 37.1677, 40.4590



35.7379, 37.1677, 41.1623

Square

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



34.8539, 37.1677, 40.4590



35.3232, 37.1677, 41.8450



35.8039, 37.1677, 40.4796



35.3304, 37.1677, 39.1241

Rectangle

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



34.8539, 37.1677, 40.4590



35.0196, 37.1677, 41.5137



35.8039, 37.1677, 40.4796



35.6358, 37.1677, 39.4426

Sweetspot

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



34.8550, 37.1693, 40.4598



63.3600, 67.0380, 72.9933



34.8032, 37.1735, 39.0596



13.8604, 14.6602, 15.9627



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.



34.8550, 37.1693, 40.4598



62.0044, 66.3549, 72.2180



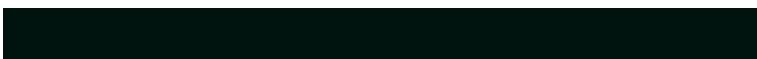
34.7780, 36.8699, 40.8829



7.6337, 8.1992, 8.9221



12.9356, 21.4606, 17.9092



0.2890, 0.4578, 0.4668

Inverse Universe

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



34.7849, 36.0986, 39.3187



61.8470, 63.9504, 69.6552



34.8599, 36.3908, 38.9055



7.6102, 7.8394, 8.5386



12.0637, 6.1815, 2.2601



0.2712, 0.1370, 0.1406

Previews

White Background



This preview shows how the XYZ color 34.8539, 37.1677, 40.4590 looks on a white background.

Color Contrast Check

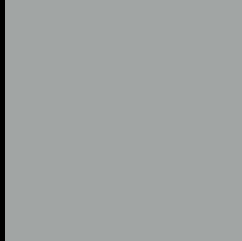
Large Text (above 18pt) WCAG AA × Fail

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 34.8539, 37.1677, 40.4590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

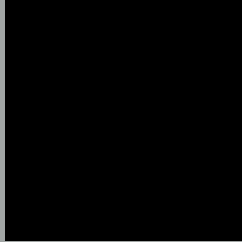
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

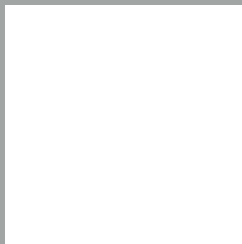
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8539, 37.1677, 40.4590

Background



This preview shows how black text looks on a background with the XYZ color 34.8539, 37.1677, 40.4590.



This preview shows how white text looks on a background with the XYZ color 34.8539, 37.1677,

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

34.8539, 37.1677, 40.4590

Protanopia

35.6444, 37.0542, 39.9238

Deuteranopia

37.7801, 37.0966, 40.7664



Tritanopia

36.0379, 37.1155, 46.3389

Trichromacy



Original Color

34.8539, 37.1677, 40.4590

Protanomaly

35.4034, 37.1946, 39.9636

Deuteranomaly

36.5497, 36.9770, 40.8082

Tritanomaly

35.6221, 37.2109, 44.3347

Monochromacy



Original Color

34.8539, 37.1677, 40.4590

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0806, 37.0178, 40.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8539, 37.1677, 40.4590 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(161, 165, 164)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 164)  
}
```

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(161, 165, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.8539, 37.1677, 40.4590 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(161, 165, 164) }
```


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

```
.border{ border-color:rgb(161, 165, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 165, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 165, 164);  
box-shadow:4px 4px 4px 4px rgb(161, 165,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8539, 37.1677, 40.4590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 164) }
```

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

```
.background{ background-color: rgb(161,  
165, 164) }
```

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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