

Converting Colors

XYZ(35.4224, 37.3587, 39.8436)

Have a look what the booklet for
XYZ(35.4224, 37.3587, 39.8436)
contains.

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Color

**XYZ(35.5830, 37.5539,
40.0235)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A5A3
RGB	165, 165, 163
RGB Percent	65%, 65%, 64%
CMY	0.3529, 0.3529, 0.3608
CMYK	0.00, 0.00, 0.01, 0.35
HSL	60°, 1%, 64%
HSV	60°, 1%, 65%
XYZ	35.5830, 37.5539, 40.0235
YIQ	164.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

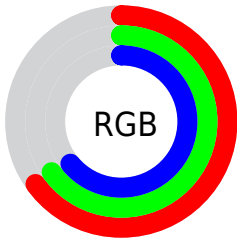
Format	Color
RYB	163, 165, 163
Decimal	10855843
CIELab	67.69, -0.37, 1.03
CIElCh	68, 1.092, 110.014
Yxy	37.5539, 0.3144, 0.3319
Android (android.graphics.Color)	4289045923 (0xFFA5A5A3)
YUV	164.7720, -0.8736, 0.2000
Hunter-Lab	61.2812, -3.5960, 4.1739

Details

The XYZ color **35.5830, 37.5539, 40.0235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9944, 36.6985, 40.8383**, and the grayscale version is **35.6596, 37.5167, 40.8557**.

A 20% lighter version of the original color is **67.7633, 71.4640, 76.5521**, and **15.5844, 16.4687, 17.3963** is the 20% darker color. If you saturate the color by 10%, you get **34.1953, 36.9994, 32.7381**, and if you desaturate by 10%, it is **37.1658, 38.1888, 48.3266**.

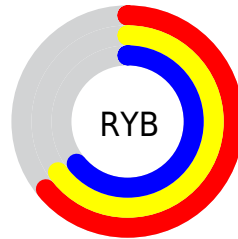
Distribution



Red (65%)

Green (65%)

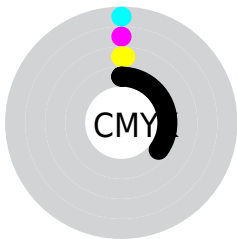
Blue (64%)



Red (64%)

Yellow (65%)

Blue (64%)

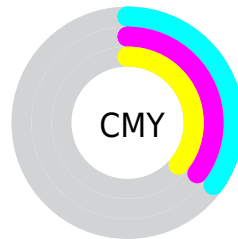


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5830, 37.5539, 40.0235 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 35.5830, 37.5539, 40.0235 by changing the saturation by 10% instead.

■ 35.5830, 37.5539,
40.0235

■ 35.5830, 37.5539,
40.0235

318.5973,
335.7024, 361.7776

■ 24.2809, 25.6366,
27.2429

■ 67.7160, 71.4239,
76.4368

■ 15.6680, 16.5520,
17.5217

■ 89.2777, 94.1454,
100.9066

■ 9.3789, 9.9156,
10.4413

114.9900,
121.2371, 130.1099

■ 5.0482, 5.3430,
5.5831

145.2182,
153.0834, 164.4652

■ 2.3106, 2.4499,
2.5286

180.3276,
190.0687, 204.3911

■ 0.8001, 0.8514,
0.8553

220.6838,

■ 0.0000, 0.0000,

232.5773, 250.3061

0.0000

266.6519,
280.9938, 302.6288

■ 35.5830, 37.5539,
40.0235

■ 35.5830, 37.5539,
40.0235

■ 34.1953, 36.9994,
32.7381

■ 37.1658, 38.1888,
48.3266

■ 32.9921, 36.5175,
26.4289

■ 38.9474, 38.9020,
57.6818

■ 31.9665, 36.1067,
21.0552

■ 40.9357, 39.6980,
68.1250

■ 31.1102, 35.7636,
16.5725

■ 43.1369, 40.5790,
79.6897

■ 30.4139, 35.4845,
12.9327

■ 45.5572, 41.5477,
92.4078

■ 29.8676, 35.2654,
10.0830

■ 47.0540, 42.1471,
100.2629

■ 29.4603, 35.1019,
7.9649

■ 47.0591, 42.1497,
100.2632

■ 29.1793, 34.9888,
6.5118

■ 47.0643, 42.1524,
100.2634

■ 29.0095, 34.9204,
5.6447

■ 47.0695, 42.1550,
100.2636

Harmonies

Analogous

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



35.7501, 37.5539, 39.9821



35.5830, 37.5539, 40.0235



35.4460, 37.5539, 40.2960

Triad

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



35.5830, 37.5539, 40.0235



35.4859, 37.5539, 41.6054



36.0141, 37.5539, 41.0510

Complementary

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



35.5830, 37.5539, 40.0235



34.9944, 36.6985, 40.8383

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.



35.9429, 37.5539, 41.4894



35.5830, 37.5539, 40.0235



35.6377, 37.5539, 41.8112

Square

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



35.5830, 37.5539, 40.0235



35.3901, 37.5539, 41.2084



35.8049, 37.5539, 41.7685



35.9994, 37.5539, 40.5728

Rectangle

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



35.5830, 37.5539, 40.0235



35.3900, 37.5539, 40.5733



35.8049, 37.5539, 41.7685



35.9994, 37.5539, 41.2080

Sweetspot

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



35.5841, 37.5555, 40.0243



64.0503, 67.3860, 73.3833



35.2262, 36.8389, 39.9049



14.0027, 14.7319, 16.0430



78.6606, 82.7571, 90.1225

Same Dimension

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



35.5841, 37.5555, 40.0243



63.7772, 67.2766, 71.9500



35.3772, 37.4489, 40.0146



7.9092, 8.3412, 8.9353



21.8793, 26.3897, 3.9406



0.4600, 0.5547, 0.0828

Inverse Universe

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



34.9944, 36.6985, 40.8383



62.8902, 65.9874, 73.1745



35.1997, 36.8043, 40.8479



7.8092, 8.1958, 9.0734



5.1406, 2.0566, 27.0558



0.1083, 0.0434, 0.5685

Previews

White Background



This preview shows how the XYZ color 35.5830, 37.5539, 40.0235 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 35.5830, 37.5539, 40.0235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

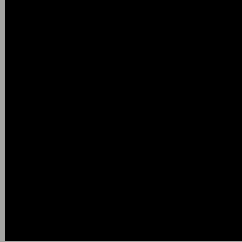
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

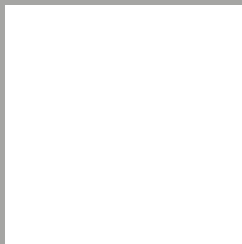
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.5830, 37.5539, 40.0235

Background



This preview shows how black text looks on a background with the XYZ color 35.5830, 37.5539, 40.0235.



This preview shows how white text looks on a background with the XYZ color 35.5830, 37.5539,

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

35.5830, 37.5539, 40.0235

Protanopia

35.9455, 37.4844, 39.5231

Deuteranopia

38.3277, 37.6457, 40.3682



Tritanopia

36.8700, 37.5445, 46.3778

Trichromacy



Original Color

35.5830, 37.5539, 40.0235

Protanomaly

35.7334, 37.3750, 39.5132

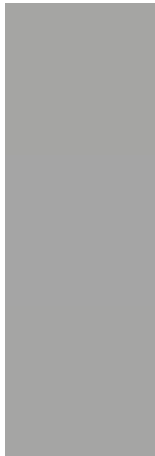
Deuteranomaly

37.3004, 37.6350, 40.4203

Tritanomaly

36.3520, 37.5982, 43.8693

Monochromacy



Original Color

35.5830, 37.5539, 40.0235

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6730, 37.5899, 40.4974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5830, 37.5539, 40.0235 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, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 163)  
}
```

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, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 163) }
```

Border

The CSS property to change the border of an element to XYZ 35.5830, 37.5539, 40.0235 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, 165, 163) }
```

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

```
.border{ border-color:rgb(165, 165, 163) }
```

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

Here you see how a box with a 4 pixel rgb(165, 165, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
163) }
```


Background

The CSS property to change the background color of an element to XYZ 35.5830, 37.5539, 40.0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 163) }
```

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

```
.background{ background-color: rgb(165,  
165, 163) }
```

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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