

Converting Colors

XYZ(37.6333, 42.5870, 39.3647)

Have a look what the booklet for
XYZ(37.6333, 42.5870, 39.3647)
contains.

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Color

**XYZ(37.5695, 42.5648,
39.4934)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B3A0
RGB	163, 179, 160
RGB Percent	64%, 70%, 63%
CMY	0.3608, 0.2980, 0.3725
CMYK	0.09, 0.00, 0.11, 0.30
HSL	111°, 11%, 66%
HSV	111°, 11%, 70%
XYZ	37.5695, 42.5648, 39.4934
YIQ	172.0500, -3.4370, -9.3010

Conversions

Conversions Part 2

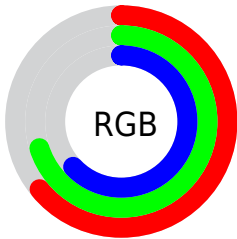
Format	Color
RYB	160, 179, 176
Decimal	10728352
CIELab	71.26, -9.17, 7.81
CIElCh	71, 12.046, 139.562
Yxy	42.5648, 0.3141, 0.3558
Android (android.graphics.Color)	4288918432 (0xFFA3B3A0)
YUV	172.0500, -5.9407, -7.9369
Hunter-Lab	65.2417, -11.3836, 9.7786

Details

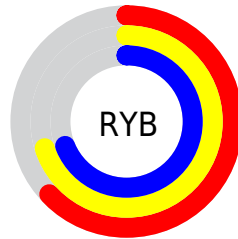
The XYZ color **37.5695, 42.5648, 39.4934** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6137, 37.6276, 47.8777**, and the grayscale version is **39.2693, 41.3144, 44.9914**.

A 20% lighter version of the original color is **70.8875, 79.2284, 75.8464**, and **16.7767, 19.4053, 17.3294** is the 20% darker color. If you saturate the color by 10%, you get **33.2104, 40.4869, 31.6953**, and if you desaturate by 10%, it is **42.5245, 44.9262, 48.4982**.

Distribution



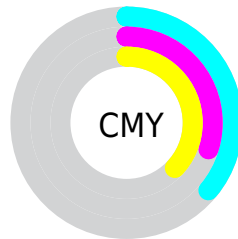
- Red (64%)
- Green (70%)
- Blue (63%)



- Red (63%)
- Yellow (70%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)



- Cyan (36%)
- Magenta (30%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5695, 42.5648, 39.4934 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 37.5695, 42.5648, 39.4934 by changing the saturation by 10% instead.

■ 37.5695, 42.5648,
39.4934

■ 37.5695, 42.5648,
39.4934

327.0825,
356.8189, 359.4721

■ 25.8244, 29.5438,
26.8330

■ 70.7560, 79.0537,
75.6201

■ 16.8243, 19.4926,
17.2165

■ 92.9281, 103.2904,
99.9235

■ 10.2038, 12.0267,
10.2254

119.3066,
132.0345, 128.9449

■ 5.5976, 6.7619,
5.4411

150.2569,
165.6703, 163.1030

■ 2.6403, 3.3136,
2.4451

186.1442,
204.5822, 202.8162

■ 0.9665, 1.2976,
0.8108

227.3340,

■ 0.0000, 0.1393,

249.1547, 248.5031

0.0000

274.1917,
299.7722, 300.5822

■ 0.0000, 0.0000,
0.0000

■ 37.5695, 42.5648,
39.4934

■ 37.5695, 42.5648,
39.4934

■ 33.2104, 40.4869,
31.6953

■ 42.5245, 44.9262,
48.4982

■ 29.4211, 38.6766,
25.0500

■ 48.0930, 47.5757,
58.7548

■ 26.1789, 37.1246,
19.5036

■ 54.2965, 50.5244,
70.3098

■ 23.4583, 35.8190,
14.9969

■ 61.1542, 53.7813,
83.2063

■ 21.2315, 34.7469,
11.4651

■ 68.6846, 57.3551,
97.4854

■ 19.4681, 33.8943,
8.8362

■ 74.8431, 60.4292,
102.3271

■ 18.1345, 33.2454,
7.0279

■ 75.4109, 60.7219,
102.3536

■ 17.1919, 32.7825,
5.9436

■ 16.6068, 32.4924,
5.3964

Harmonies

Analogous

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



39.1689, 42.5648, 36.6272



37.5695, 42.5648, 39.4934



36.7528, 42.5648, 44.3580

Triad

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



37.5695, 42.5648, 39.4934



39.7564, 42.5648, 58.1791



44.2311, 42.5648, 42.7173

Complementary

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



37.5695, 42.5648, 39.4934



38.6137, 37.6276, 47.8777

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.



44.4011, 42.5648, 48.3922



37.5695, 42.5648, 39.4934



41.7721, 42.5648, 57.6473

Square

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



37.5695, 42.5648, 39.4934



37.9872, 42.5648, 55.3459



43.4879, 42.5648, 53.9483



43.0307, 42.5648, 38.3785

Rectangle

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



37.5695, 42.5648, 39.4934



36.7431, 42.5648, 48.2198



43.4879, 42.5648, 53.9483



44.4121, 42.5648, 44.5210

Sweetspot

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



37.5707, 42.5666, 39.4943



73.8962, 79.3815, 82.7249



40.4301, 43.1091, 39.4483



16.2099, 17.5099, 18.0327



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.5707, 42.5666, 39.4943



65.1507, 75.2145, 66.8889



37.5322, 42.4811, 42.4596



8.5098, 9.5524, 9.0478



11.7715, 22.9785, 3.8149



0.4088, 0.7428, 0.1218

Inverse Universe

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



38.6137, 37.6276, 47.8777



67.4354, 64.3933, 85.2561



38.6733, 37.7307, 44.6124



8.7157, 8.5775, 10.7026



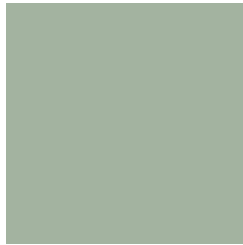
14.7802, 6.9553, 30.7005



0.5003, 0.2370, 0.9676

Previews

White Background



This preview shows how the XYZ color 37.5695, 42.5648, 39.4934 looks on a white background.

Color Contrast Check

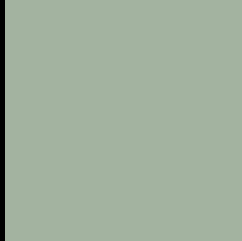
Large Text (above 18pt) WCAG AA × Fail

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 37.5695, 42.5648, 39.4934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

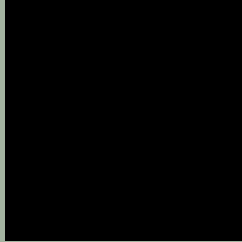
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.5695, 42.5648, 39.4934

Background



This preview shows how black text looks on a background with the XYZ color 37.5695, 42.5648, 39.4934.



This preview shows how white text looks on a background with the XYZ color 37.5695, 42.5648,

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

37.5695, 42.5648, 39.4934

Protanopia

40.2779, 42.5302, 37.9846

Deuteranopia

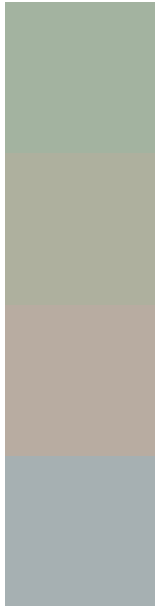
43.2892, 42.3497, 40.0751



Tritanopia

40.6637, 42.6589, 54.2349

Trichromacy



Original Color

37.5695, 42.5648, 39.4934

Protanomaly

39.1524, 42.5180, 38.4910

Deuteranomaly

40.9527, 42.2686, 39.7184

Tritanomaly

39.2871, 42.3720, 48.2274

Monochromacy



Original Color

37.5695, 42.5648, 39.4934

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7600, 41.9221, 43.0947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5695, 42.5648, 39.4934 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(163, 179, 160)` looks like.

```
.text, #text, p{  
    color:rgb(163, 179, 160)  
}
```

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(163, 179, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 179, 160) }
```

Border

The CSS property to change the border of an element to XYZ 37.5695, 42.5648, 39.4934 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(163, 179, 160) }
```


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

```
.border{ border-color:rgb(163, 179, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 179, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 179, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 179, 160);  
box-shadow:4px 4px 4px 4px rgb(163, 179,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5695, 42.5648, 39.4934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 179, 160) }
```

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

```
.background{ background-color: rgb(163,  
179, 160) }
```

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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