

Converting Colors

XYZ(33.5585, 37.5571, 42.0403)

Have a look what the booklet for
XYZ(33.5585, 37.5571, 42.0403)
contains.

XYZ(33.5574, 37.5555, 42.0395)	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(33.5574, 37.5555,
42.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	95A9A7
RGB	149, 169, 167
RGB Percent	58%, 66%, 65%
CMY	0.4157, 0.3372, 0.3451
CMYK	0.12, 0.00, 0.01, 0.34
HSL	174°, 10%, 62%
HSV	174°, 12%, 66%
XYZ	33.5574, 37.5555, 42.0395
YIQ	162.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

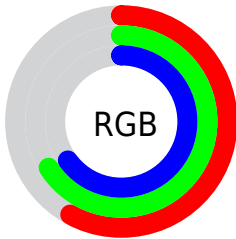
Format	Color
RYB	149, 160, 169
Decimal	9808295
CIELab	67.69, -7.35, -1.34
CIELCh	68, 7.472, 190.315
Yxy	37.5555, 0.2966, 0.3319
Android (android.graphics.Color)	4287998375 (0xFF95A9A7)
YUV	162.7920, 2.0745, -12.0956
Hunter-Lab	61.2825, -9.5005, 2.2252

Details

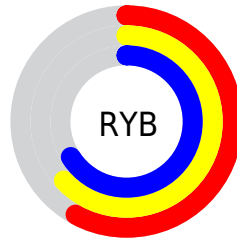
The XYZ color **33.5574, 37.5555, 42.0395** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6968, 32.1652, 33.7649**, and the grayscale version is **34.7098, 36.5175, 39.7675**.

A 20% lighter version of the original color is **64.4691, 71.2817, 79.4681**, and **14.4928, 16.5571, 18.6516** is the 20% darker color. If you saturate the color by 10%, you get **30.5399, 36.0189, 41.0878**, and if you desaturate by 10%, it is **37.0266, 39.3268, 43.0246**.

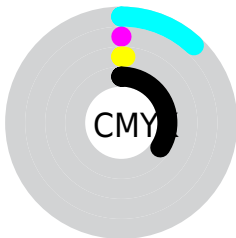
Distribution



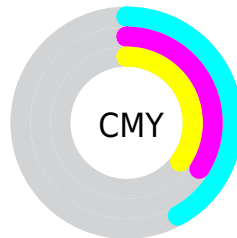
- Red (58%)
- Green (66%)
- Blue (65%)



- Red (58%)
- Yellow (63%)
- Blue (66%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (42%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5574, 37.5555, 42.0395 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 33.5574, 37.5555, 42.0395 by changing the saturation by 10% instead.

■ 33.5574, 37.5555,
42.0395

■ 33.5574, 37.5555,
42.0395

309.7747,
335.7093, 370.4511

■ 22.7151, 25.6379,
28.8064

■ 64.5937, 71.4263,
79.5301

■ 14.5028, 16.5529,
18.6901

■ 85.5183, 94.1483,
104.6248

■ 8.5552, 9.9163,
11.2720

110.5344,
121.2406, 134.5104

■ 4.5070, 5.3435,
6.1337

140.0074,
153.0874, 169.6054

■ 1.9928, 2.4502,
2.8564

174.3026,
190.0734, 210.3285

■ 0.6299, 0.8515,
1.0218

213.7853,

■ 0.0000, 0.0000,

232.5827, 257.0981

0.0000

258.8209,
280.9999, 310.3328

■ 33.5574, 37.5555,
42.0395

■ 33.5574, 37.5555,
42.0395

■ 30.5399, 36.0189,
41.0878

■ 37.0266, 39.3268,
43.0246

■ 27.9516, 34.7023,
40.1660

■ 40.9622, 41.3372,
44.0415

■ 25.7731, 33.5967,
39.2741

■ 45.3825, 43.5973,
45.0918

■ 23.9820, 32.6906,
38.4108

■ 50.3035, 46.1152,
46.1763

■ 22.5539, 31.9715,
37.5750

■ 55.7406, 48.8991,
47.2959

■ 21.4617, 31.4252,
36.7655

■ 61.7088, 51.9564,
48.4511

■ 20.6743, 31.0358,
35.9806

■ 63.5497, 52.8857,
49.4242

■ 20.1550, 30.7844,
35.2187

■ 63.7217, 52.9545,
50.3301

■ 19.8631, 30.6471,
34.6105

■ 63.8958, 53.0242,
51.2471

Harmonies

Analogous

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



33.6475, 37.5555, 38.7889



33.5574, 37.5555, 42.0395



34.0307, 37.5555, 45.1405

Triad

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



33.5574, 37.5555, 42.0395



37.1497, 37.5555, 45.9288



36.4477, 37.5555, 35.1975

Complementary

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



33.5574, 37.5555, 42.0395



32.6968, 32.1652, 33.7649

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.



37.4134, 37.5555, 36.9180



33.5574, 37.5555, 42.0395



37.8247, 37.5555, 43.0688

Square

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



33.5574, 37.5555, 42.0395



36.0940, 37.5555, 47.4648



37.9223, 37.5555, 39.7647



35.2997, 37.5555, 34.9550

Rectangle

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



33.5574, 37.5555, 42.0395



34.6082, 37.5555, 46.6620



37.9223, 37.5555, 39.7647



36.8051, 37.5555, 35.6176

Sweetspot

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



33.5585, 37.5571, 42.0403



64.8490, 69.6831, 76.6517



32.4383, 37.1587, 33.8969



14.0324, 15.1359, 16.6785



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.



33.5585, 37.5571, 42.0403



58.7205, 66.5568, 74.8711



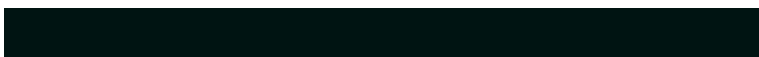
32.3601, 34.8618, 42.5614



7.7147, 8.5189, 9.4837



14.8143, 22.8445, 25.8527



0.3694, 0.5594, 0.6762

Inverse Universe

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



32.6968, 32.1652, 33.7649



56.8931, 55.1204, 57.3194



33.7889, 34.6074, 33.3333



7.5605, 7.5541, 8.0028



12.2795, 6.3205, 1.0175



0.3079, 0.1574, 0.0728

Previews

White Background



This preview shows how the XYZ color 33.5574, 37.5555, 42.0395 looks on a white background.

Color Contrast Check

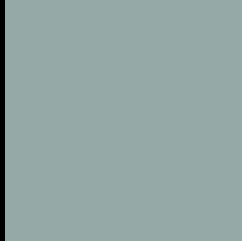
Large Text (above 18pt) WCAG AA × Fail

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 33.5574, 37.5555, 42.0395 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

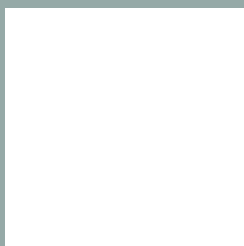
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.5574, 37.5555, 42.0395

Background



This preview shows how black text looks on a background with the XYZ color 33.5574, 37.5555, 42.0395.



This preview shows how white text looks on a background with the XYZ color 33.5574, 37.5555,

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

33.5574, 37.5555, 42.0395

Protanopia

36.1247, 37.5561, 40.4670

Deuteranopia

38.3226, 37.5899, 42.7719



Tritanopia

34.8194, 37.5120, 48.5854

Trichromacy



Original Color

33.5574, 37.5555, 42.0395

Protanomaly

35.1257, 37.5661, 40.9970

Deuteranomaly

36.3135, 37.3464, 42.3404

Tritanomaly

34.3182, 37.5844, 46.0032

Monochromacy



Original Color

33.5574, 37.5555, 42.0395

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2565, 36.8597, 40.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5574, 37.5555, 42.0395 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(149, 169, 167)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 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(149, 169, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 167) }
```

Border

The CSS property to change the border of an element to XYZ 33.5574, 37.5555, 42.0395 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(149, 169, 167) }
```


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

```
.border{ border-color:rgb(149, 169, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 167);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5574, 37.5555, 42.0395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 167) }
```

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

```
.background{ background-color: rgb(149,  
169, 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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