

Converting Colors

XYZ(34.1681, 37.7750, 49.1100)

Have a look what the booklet for
XYZ(34.1681, 37.7750, 49.1100)
contains.

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Color

**XYZ(34.2055, 37.7319,
49.1962)**

Conversions

Conversions Part 1

Format	Color
Hex	91A9B5
RGB	145, 169, 181
RGB Percent	57%, 66%, 71%
CMY	0.4314, 0.3372, 0.2902
CMYK	0.20, 0.07, 0.00, 0.29
HSL	200°, 20%, 64%
HSV	200°, 20%, 71%
XYZ	34.2055, 37.7319, 49.1962
YIQ	163.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

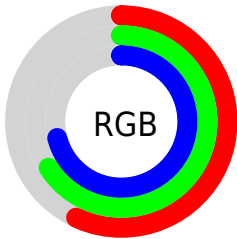
Format	Color
RYB	145, 159, 181
Decimal	9546165
CIELab	67.82, -5.65, -8.95
CIELCh	68, 10.584, 237.709
Yxy	37.7319, 0.2824, 0.3115
Android (android.graphics.Color)	4287736245 (0xFF91A9B5)
YUV	163.1920, 8.7793, -15.9544
Hunter-Lab	61.4263, -8.0975, -4.4868

Details

The XYZ color **34.2055, 37.7319, 49.1962** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2241, 35.9820, 31.8248**, and the grayscale version is **34.8703, 36.6863, 39.9514**.

A 20% lighter version of the original color is **65.4949, 71.5678, 90.4828**, and **14.8737, 16.6608, 22.8540** is the 20% darker color. If you saturate the color by 10%, you get **30.1705, 34.0250, 48.6940**, and if you desaturate by 10%, it is **38.8027, 41.8074, 49.7412**.

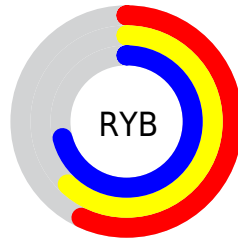
Distribution



Red (57%)

Green (66%)

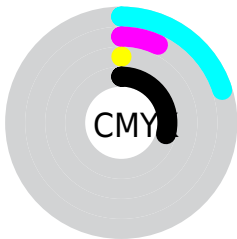
Blue (71%)



Red (57%)

Yellow (62%)

Blue (71%)

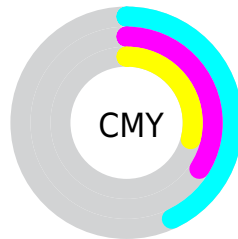


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2055, 37.7319, 49.1962 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 34.2055, 37.7319, 49.1962 by changing the saturation by 10% instead.

■ 34.2055, 37.7319,
49.1962

■ 34.2055, 37.7319,
49.1962

312.6172,
336.4685, 400.1589

■ 23.2152, 25.7747,
34.4084

■ 65.5953, 71.6970,
90.3668

■ 14.8740, 16.6551,
22.9277

■ 86.7254, 94.4737,
117.5867

■ 8.8168, 9.9889,
14.3353

111.9662,
121.6257, 149.7877

■ 4.6780, 5.3916,
8.2128

141.6830,
153.5373, 187.3885

■ 2.0924, 2.4788,
4.1417

176.2411,
190.5930, 230.8074

■ 0.6851, 0.8660,
1.7034

216.0060,

■ 0.0000, 0.0000,

233.1772, 280.4631

0.3631

261.3429,
281.6742, 336.7740

■ 0.0000, 0.0000,
0.0000

■ 34.2055, 37.7319,
49.1962

■ 34.2055, 37.7319,
49.1962

■ 30.1705, 34.0250,
48.6940

■ 38.8027, 41.8074,
49.7412

■ 26.6696, 30.6683,
48.2306

■ 43.9818, 46.2599,
50.3276

■ 23.6773, 27.6486,
47.8054

■ 49.7656, 51.1029,
50.9576

■ 21.1644, 24.9498,
47.4170

■ 56.1748, 56.3482,
51.6322

■ 19.0988, 22.5542,
47.0634

■ 63.2290, 62.0067,
52.3526

■ 17.4438, 20.4418,
46.7429

■ 70.9467, 68.0890,
53.1198

■ 16.1565, 18.5893,
46.4532

■ 72.9318, 71.2987,
53.6347

■ 15.1497, 16.9507,
46.1900

■ 74.4608, 74.3567,
54.1444

■ 15.1390, 16.9331,
46.1872

■ 76.0467, 77.5285,
54.6731

Harmonies

Analogous

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



33.1444, 37.7319, 45.4252



34.2055, 37.7319, 49.1962



35.7372, 37.7319, 50.7789

Triad

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



34.2055, 37.7319, 49.1962



39.1054, 37.7319, 41.4456



34.4174, 37.7319, 33.5993

Complementary

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



34.2055, 37.7319, 49.1962



36.2241, 35.9820, 31.8248

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.



35.9892, 37.7319, 32.7083



34.2055, 37.7319, 49.1962



38.7264, 37.7319, 37.0279

Square

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



34.2055, 37.7319, 49.1962



38.5939, 37.7319, 46.0969



37.5733, 37.7319, 33.9158



33.2641, 37.7319, 36.4477

Rectangle

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



34.2055, 37.7319, 49.1962



36.8303, 37.7319, 50.2962



37.5733, 37.7319, 33.9158



34.9129, 37.7319, 33.0709

Sweetspot

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



34.2066, 37.7334, 49.1971



72.8832, 77.8155, 89.4732



34.2363, 41.4820, 37.8335



15.6273, 16.7104, 19.3240



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.



34.2066, 37.7334, 49.1971



57.8795, 64.5027, 87.6943



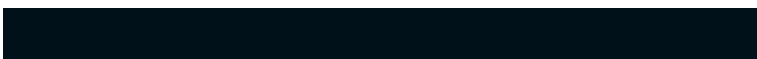
31.1817, 31.6835, 48.1887



8.4993, 9.1448, 10.8235



10.5021, 11.8046, 31.8620



0.3814, 0.4733, 1.0195

Inverse Universe

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



36.3438, 32.9399, 41.9804



62.4818, 54.5022, 72.0812



39.3810, 42.2956, 32.8771



8.7272, 8.5976, 10.0620



15.5356, 7.7318, 13.2465



0.5145, 0.2536, 0.5522

Previews

White Background



This preview shows how the XYZ color 34.2055, 37.7319, 49.1962 looks on a white background.

Color Contrast Check

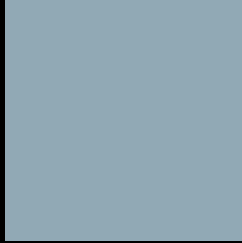
Large Text (above 18pt) WCAG AA × Fail

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 34.2055, 37.7319, 49.1962 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

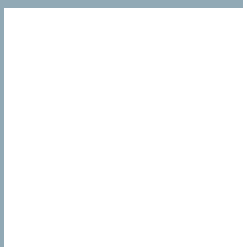
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.2055, 37.7319, 49.1962

Background



This preview shows how black text looks on a background with the XYZ color 34.2055, 37.7319, 49.1962.

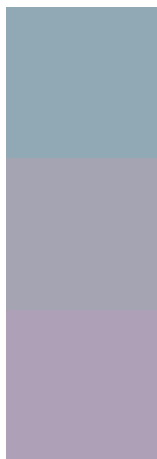


This preview shows how white text looks on a background with the XYZ color 34.2055, 37.7319,

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

34.2055, 37.7319, 49.1962

Protanopia

36.6212, 37.6578, 47.4580

Deuteranopia

38.3516, 37.4447, 50.0060



Tritanopia

34.3085, 37.7731, 49.7386

Trichromacy



Original Color

34.2055, 37.7319, 49.1962

Protanomaly

35.6775, 37.6952, 48.0433

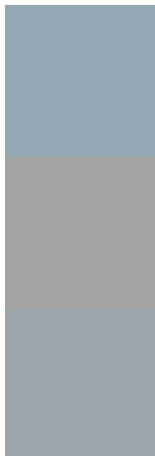
Deuteranomaly

36.6449, 37.3583, 49.5354

Tritanomaly

34.3085, 37.7731, 49.7386

Monochromacy



Original Color

34.2055, 37.7319, 49.1962

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.4211, 36.8805, 43.3347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2055, 37.7319, 49.1962 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(145, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(145, 169, 181)  
}
```

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(145, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 169, 181) }
```

Border

The CSS property to change the border of an element to XYZ 34.2055, 37.7319, 49.1962 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(145, 169, 181) }
```


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

```
.border{ border-color:rgb(145, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(145, 169,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2055, 37.7319, 49.1962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 169, 181) }
```

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

```
.background{ background-color: rgb(145,  
169, 181) }
```

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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