

Converting Colors

XYZ(34.7594, 37.4842, 48.2708)

Have a look what the booklet for
XYZ(34.7594, 37.4842, 48.2708)
contains.

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Color

**XYZ(34.7179, 37.4714,
48.0507)**

Conversions

Conversions Part 1

Format	Color
Hex	97A7B3
RGB	151, 167, 179
RGB Percent	59%, 65%, 70%
CMY	0.4078, 0.3451, 0.2980
CMYK	0.16, 0.07, 0.00, 0.30
HSL	206°, 16%, 65%
HSV	206°, 16%, 70%
XYZ	34.7179, 37.4714, 48.0507
YIQ	163.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

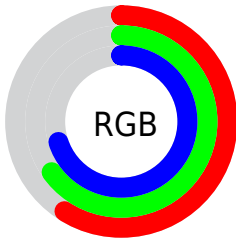
Format	Color
RYB	151, 161, 179
Decimal	9938867
CIELab	67.63, -3.05, -8.08
CIElCh	68, 8.638, 249.296
Yxy	37.4714, 0.2887, 0.3116
Android (android.graphics.Color)	4288128947 (0xFF97A7B3)
YUV	163.5840, 7.6001, -11.0362
Hunter-Lab	61.2139, -5.8867, -3.6908

Details

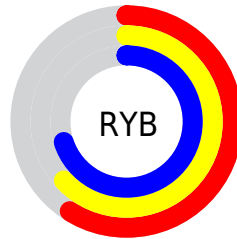
The XYZ color **34.7179, 37.4714, 48.0507** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2738, 38.0124, 34.6515**, and the grayscale version is **35.0596, 36.8854, 40.1682**.

A 20% lighter version of the original color is **66.2935, 71.2198, 88.8500**, and **15.1522, 16.4772, 22.1205** is the 20% darker color. If you saturate the color by 10%, you get **30.2813, 33.1607, 47.4531**, and if you desaturate by 10%, it is **39.7445, 42.2120, 48.7014**.

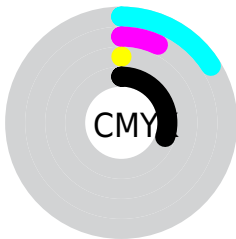
Distribution



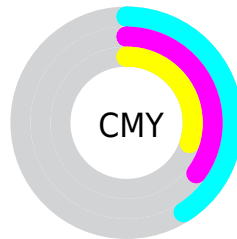
- Red (59%)
- Green (65%)
- Blue (70%)



- Red (59%)
- Yellow (63%)
- Blue (70%)



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7179, 37.4714, 48.0507 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 34.7179, 37.4714, 48.0507 by changing the saturation by 10% instead.

■ 34.7179, 37.4714,
48.0507

■ 34.7179, 37.4714,
48.0507

314.8513,
335.3469, 395.5076

■ 23.6111, 25.5727,
33.5068

■ 66.3854, 71.2972,
88.6462

■ 15.1686, 16.5042,
22.2407

■ 87.6769, 93.9931,
115.5349

■ 9.0249, 9.8817,
13.8338

113.0940,
121.0568, 147.3755

■ 4.8147, 5.3206,
7.8678

143.0021,
152.8728, 184.5867

■ 2.1726, 2.4366,
3.9239

177.7665,
189.8254, 227.5870

■ 0.7282, 0.8446,
1.5837

217.7526,

■ 0.0000, 0.0000,

232.2990, 276.7948

0.2791

263.3257,
280.6781, 332.6289

■ 0.0000, 0.0000,
0.0000

■ 34.7179, 37.4714,
48.0507

■ 34.7179, 37.4714,
48.0507

■ 30.2813, 33.1607,
47.4531

■ 39.7445, 42.2120,
48.7014

■ 26.4073, 29.2606,
46.9045

■ 45.3804, 47.3914,
49.4041

■ 23.0710, 25.7572,
46.4041

■ 51.6480, 53.0245,
50.1610

■ 20.2445, 22.6338,
45.9502

■ 58.5677, 59.1234,
50.9735

■ 17.8969, 19.8721,
45.5409

■ 66.1589, 65.7003,
51.8429

■ 15.9938, 17.4520,
45.1740

■ 73.1771, 72.1154,
52.7112

■ 14.4953, 15.3506,
44.8474

■ 75.1526, 76.0663,
53.3697

■ 13.3517, 13.5397,
44.5581

■ 77.2205, 80.2022,
54.0590

■ 12.9177, 12.8166,
44.4414

■ 79.3822, 84.5255,
54.7796

Harmonies

Analogous

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



33.6705, 37.4714, 45.6224



34.7179, 37.4714, 48.0507



36.0306, 37.4714, 48.4726

Triad

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



34.7179, 37.4714, 48.0507



38.2024, 37.4714, 39.6269



34.0184, 37.4714, 35.3843

Complementary

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



34.7179, 37.4714, 48.0507



37.2738, 38.0124, 34.6515

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.



35.2034, 37.4714, 33.9830



34.7179, 37.4714, 48.0507



37.6338, 37.4714, 36.3299

Square

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



34.7179, 37.4714, 48.0507



38.0645, 37.4714, 43.4477



36.5283, 37.4714, 34.3180



33.2737, 37.4714, 38.2621

Rectangle

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



34.7179, 37.4714, 48.0507



36.8830, 37.4714, 47.5348



36.5283, 37.4714, 34.3180



34.3772, 37.4714, 34.7334

Sweetspot

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



34.7190, 37.4730, 48.0515



71.7140, 76.0957, 87.2894



35.4643, 41.4526, 40.6266



15.7410, 16.7221, 19.3203



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.



34.7190, 37.4730, 48.0515



59.1359, 64.1834, 85.6530



32.3458, 32.7265, 47.2605



8.4316, 9.0094, 10.8009



9.1937, 9.1878, 31.4259



0.3458, 0.4021, 1.0076

Inverse Universe

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



36.6330, 34.5078, 41.2909



63.3000, 57.9259, 70.9005



39.8333, 43.1315, 35.5047



8.6930, 8.5839, 9.8820



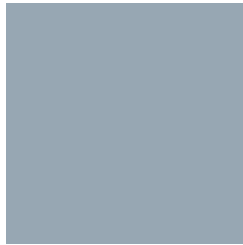
14.8752, 7.4676, 9.7688



0.4966, 0.2464, 0.4575

Previews

White Background



This preview shows how the XYZ color 34.7179, 37.4714, 48.0507 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 34.7179, 37.4714, 48.0507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

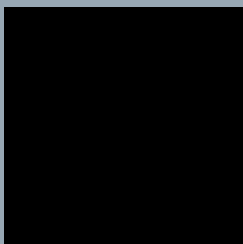
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

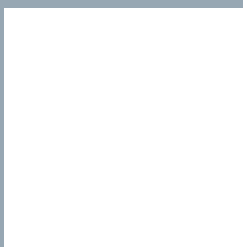
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7179, 37.4714, 48.0507

Background



This preview shows how black text looks on a background with the XYZ color 34.7179, 37.4714, 48.0507.



This preview shows how white text looks on a background with the XYZ color 34.7179, 37.4714,

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

34.7179, 37.4714, 48.0507

Protanopia

36.3428, 37.2612, 46.8716

Deuteranopia

38.0426, 37.3211, 48.3787



Tritanopia

34.8194, 37.5120, 48.5854

Trichromacy



Original Color

34.7179, 37.4714, 48.0507

Protanomaly

35.6094, 37.1362, 47.4107

Deuteranomaly

36.8525, 37.4890, 48.4738

Tritanomaly

34.8194, 37.5120, 48.5854

Monochromacy



Original Color

34.7179, 37.4714, 48.0507

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9146, 37.1458, 42.8658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7179, 37.4714, 48.0507 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(151, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(151, 167, 179)  
}
```

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(151, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 167, 179) }
```

Border

The CSS property to change the border of an element to XYZ 34.7179, 37.4714, 48.0507 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(151, 167, 179) }
```


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

```
.border{ border-color:rgb(151, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(151, 167,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7179, 37.4714, 48.0507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 167, 179) }
```

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

```
.background{ background-color: rgb(151,  
167, 179) }
```

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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