

# Converting Colors

XYZ(34.0746, 37.9919, 38.7245)

Have a look what the booklet for  
XYZ(34.0746, 37.9919, 38.7245)  
contains.

<b>XYZ(34.0507, 37.8826, 38.7751)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(34.0507, 37.8826,  
38.7751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BA9A0
RGB	155, 169, 160
RGB Percent	61%, 66%, 63%
CMY	0.3922, 0.3372, 0.3725
CMYK	0.08, 0.00, 0.05, 0.34
HSL	141°, 8%, 64%
HSV	141°, 8%, 66%
XYZ	34.0507, 37.8826, 38.7751
YIQ	163.7880, -5.4550, -5.7670

# Conversions

## Conversions Part 2

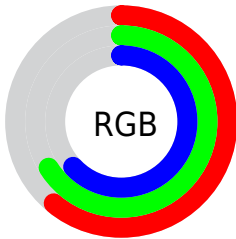
Format	Color
<a href="#">RYB</a>	<a href="#">155, 165, 169</a>
Decimal	<a href="#">10201504</a>
CIELab	<a href="#">67.93, -6.67, 2.95</a>
CIELCh	<a href="#">68, 7.296, 156.137</a>
Yxy	<a href="#">37.8826, 0.3076, 0.3422</a>
Android (android.graphics.Color)	<a href="#">4288391584 (0xFF9BA9A0)</a>
YUV	<a href="#">163.7880, -1.8675, -7.7071</a>
Hunter-Lab	<a href="#">61.5488, -8.9588, 5.7321</a>

# Details

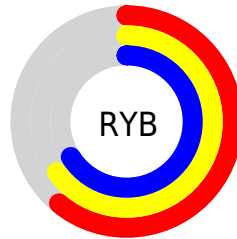
The XYZ color **34.0507, 37.8826, 38.7751** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7858, 34.5590, 39.9609**, and the grayscale version is **35.1972, 37.0302, 40.3259**.

A 20% lighter version of the original color is **65.2159, 71.7729, 74.7063**, and **14.8305, 16.7698, 16.9232** is the 20% darker color. If you saturate the color by 10%, you get **30.1223, 35.9636, 33.8446**, and if you desaturate by 10%, it is **38.5184, 40.0721, 44.1661**.

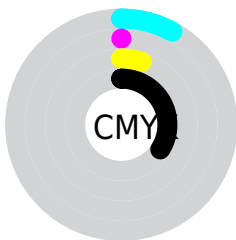
# Distribution



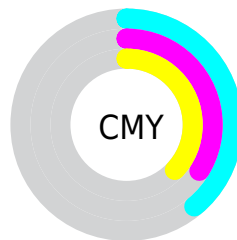
- Red (61%)
- Green (66%)
- Blue (63%)



- Red (61%)
- Yellow (65%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (34%)



- Cyan (39%)
- Magenta (34%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0507, 37.8826, 38.7751 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 34.0507, 37.8826, 38.7751 by changing the saturation by 10% instead.



■ 34.0507, 37.8826,  
38.7751

■ 34.0507, 37.8826,  
38.7751

311.9400,  
337.1161, 356.3307

■ 23.0956, 25.8916,  
26.2783

■ 65.3563, 71.9282,  
74.5112

■ 14.7852, 16.7426,  
16.8043

■ 86.4375, 94.7515,  
98.5876

■ 8.7541, 10.0511,  
9.9346

111.6248,  
121.9544, 127.3609

■ 4.6370, 5.4329,  
5.2506

141.2835,  
153.9212, 161.2497

■ 2.0684, 2.5034,  
2.3337

175.7790,  
191.0364, 200.6726

■ 0.6720, 0.8783,  
0.7500

215.4767,

■ 0.0000, 0.0000,

233.6844, 246.0480

0.0000

260.7419,  
282.2495, 297.7945

■ 34.0507, 37.8826,  
38.7751

■ 34.0507, 37.8826,  
38.7751

■ 30.1223, 35.9636,  
33.8446

■ 38.5184, 40.0721,  
44.1661

■ 26.7090, 34.2997,  
29.3602

■ 43.5417, 42.5373,  
50.0268

■ 23.7897, 32.8813,  
25.3100

■ 49.1406, 45.2890,  
56.3690

■ 21.3404, 31.6965,  
21.6811

■ 55.3327, 48.3363,  
63.2036

■ 19.3352, 30.7320,  
18.4595

■ 62.1351, 51.6877,  
70.5409

■ 17.7454, 29.9734,  
15.6308

■ 69.0459, 55.0843,  
78.3669

■ 16.5388, 29.4044,  
13.1795

■ 70.5778, 55.6971,  
86.4338

■ 15.6782, 29.0061,  
11.0890

■ 72.2058, 56.3483,  
95.0067

■ 15.1003, 28.7463,  
9.3405

■ 73.4787, 56.8574,  
101.7096

# Harmonies

## Analogous

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



34.7369, 37.8826, 36.4118



34.0507, 37.8826, 38.7751



33.8836, 37.8826, 41.9183

# Triad

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



34.0507, 37.8826, 38.7751



36.2397, 37.8826, 47.7665



37.7943, 37.8826, 37.6770

# Complementary

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



34.0507, 37.8826, 38.7751



34.7858, 34.5590, 39.9609

# 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.



38.2158, 37.8826, 40.5843



34.0507, 37.8826, 38.7751



37.3062, 37.8826, 46.4938

# Square

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



34.0507, 37.8826, 38.7751



35.1322, 37.8826, 47.2200



38.0353, 37.8826, 43.8233



36.8947, 37.8826, 35.8015



# Rectangle

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



34.0507, 37.8826, 38.7751



34.0859, 37.8826, 44.0574



38.0353, 37.8826, 43.8233



37.9974, 37.8826, 38.5601

# Sweetspot

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



34.0518, 37.8842, 38.7759



65.8658, 70.2365, 75.3772



35.4363, 38.6475, 36.6028



14.3763, 15.3185, 16.4535



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.



34.0518, 37.8842, 38.7759



59.5765, 67.1575, 67.7074



34.6726, 38.1326, 42.0454



7.5433, 8.4504, 8.5811



11.2125, 21.4038, 6.8859



0.2972, 0.5305, 0.2959



# Inverse Universe

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



34.7858, 34.5590, 39.9609



61.1709, 59.9341, 70.2813



34.1790, 34.3163, 36.7660



7.7265, 7.6205, 8.8768



14.2642, 7.1144, 11.4689



0.3701, 0.1823, 0.4004



# Previews

## White Background



This preview shows how the XYZ color 34.0507, 37.8826, 38.7751 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

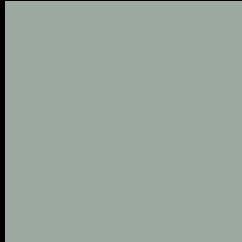
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 34.0507, 37.8826, 38.7751 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

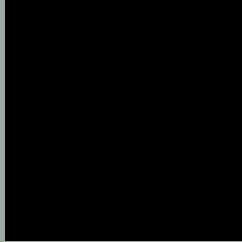
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 34.0507, 37.8826, 38.7751**

## **Background**



This preview shows how black text looks on a background with the XYZ color 34.0507, 37.8826, 38.7751.



This preview shows how white text looks on a background with the XYZ color 34.0507, 37.8826,



# 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

34.0507, 37.8826, 38.7751

### Protanopia

36.2043, 37.9249, 37.7598

### Deuteranopia

38.6208, 37.8175, 39.4464



## Tritanopia

35.8735, 37.7962, 48.0525

# Trichromacy



## Original Color

34.0507, 37.8826, 38.7751

## Protanomaly

35.4113, 37.7750, 38.2258

## Deuteranomaly

36.7638, 37.6518, 39.0481

## Tritanomaly

35.1697, 37.7841, 44.4691

# Monochromacy



## Original Color

34.0507, 37.8826, 38.7751

## Achromatopsia

35.2861, 37.1238, 40.4278

## Achromatomaly

34.9450, 37.4938, 40.0456

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 34.0507, 37.8826, 38.7751 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(155, 169, 160)` looks like.

```
.text, #text, p{  
    color:rgb(155, 169, 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(155, 169, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 169, 160) }
```

## Border

The CSS property to change the border of an element to XYZ 34.0507, 37.8826, 38.7751 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(155, 169, 160) }
```



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

```
.border{ border-color:rgb(155, 169, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 169, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(155, 169,  
160) }
```

# Background

The CSS property to change the background color of an element to XYZ 34.0507, 37.8826, 38.7751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 169, 160) }
```

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

```
.background{ background-color: rgb(155,  
169, 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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