

Converting Colors

XYZ(34.8090, 38.8803, 36.6805)

Have a look what the booklet for
XYZ(34.8090, 38.8803, 36.6805)
contains.

XYZ(34.7774, 38.8633, 36.6788)	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(34.7774, 38.8633,
36.6788)**

Conversions

Conversions Part 1

Format	Color
Hex	9FAB9B
RGB	159, 171, 155
RGB Percent	62%, 67%, 61%
CMY	0.3765, 0.3294, 0.3922
CMYK	0.07, 0.00, 0.09, 0.33
HSL	105°, 9%, 64%
HSV	105°, 9%, 67%
XYZ	34.7774, 38.8633, 36.6788
YIQ	165.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

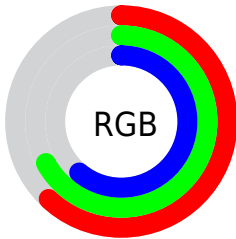
Format	Color
RYB	155, 171, 167
Decimal	10464155
CIELab	68.65, -7.26, 6.79
CIELCh	69, 9.941, 136.904
Yxy	38.8633, 0.3152, 0.3523
Android (android.graphics.Color)	4288654235 (0xFF9FAB9B)
YUV	165.5880, -5.2199, -5.7777
Hunter-Lab	62.3404, -9.5173, 8.7543

Details

The XYZ color **34.7774, 38.8633, 36.6788** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0099, 34.5996, 43.3632**, and the grayscale version is **36.0727, 37.9513, 41.3289**.

A 20% lighter version of the original color is **66.4365, 73.2923, 70.9669**, and **15.2799, 17.3813, 15.6463** is the 20% darker color. If you saturate the color by 10%, you get **31.0291, 37.0865, 29.5302**, and if you desaturate by 10%, it is **38.9952, 40.8609, 44.9127**.

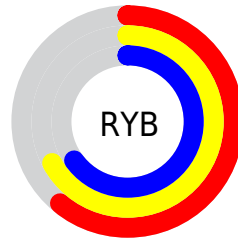
Distribution



Red (62%)

Green (67%)

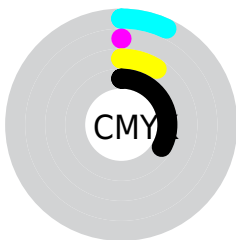
Blue (61%)



Red (61%)

Yellow (67%)

Blue (65%)

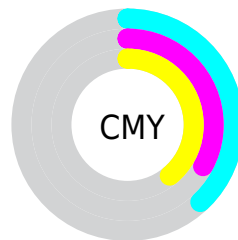


Cyan (7%)

Magenta (0%)

Yellow (9%)

Black (33%)



Cyan (38%)

Magenta (33%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7774, 38.8633, 36.6788 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 34.7774, 38.8633, 36.6788 by changing the saturation by 10% instead.

■ 34.7774, 38.8633,
36.6788

■ 34.7774, 38.8633,
36.6788

315.1100,
341.3090, 347.0445

■ 23.6572, 26.6534,
24.6651

■ 66.4771, 73.4294,
71.2593

■ 15.2029, 17.3131,
15.6109

■ 87.7872, 96.5545,
94.6631

■ 9.0491, 10.4580,
9.0979

113.2247,
124.0867, 122.7008

■ 4.8306, 5.7036,
4.7074

143.1549,
156.4104, 155.7907

■ 2.1819, 2.6657,
2.0209

177.9432,
193.9101, 194.3515

■ 0.7332, 0.9598,
0.5681

217.9549,

■ 0.0000, 0.0000,

236.9702, 238.8017

0.0000

263.5554,
285.9750, 289.5599

■ 34.7774, 38.8633,
36.6788

■ 34.7774, 38.8633,
36.6788

■ 31.0291, 37.0865,
29.5302

■ 38.9952, 40.8609,
44.9127

■ 27.7306, 35.5179,
23.4192

■ 43.6951, 43.0815,
54.2719

■ 24.8655, 34.1512,
18.2983

■ 48.8930, 45.5335,
64.7974

■ 22.4150, 32.9780,
14.1153

■ 54.6031, 48.2235,
76.5274

■ 20.3592, 31.9891,
10.8133

■ 60.8391, 51.1576,
89.4986

■ 18.6759, 31.1746,
8.3291

■ 67.1922, 54.1732,
101.5228

■ 17.3411, 30.5236,
6.5911

■ 71.6042, 56.4477,
101.7293

■ 16.3273, 30.0237,
5.5154

■ 73.8537, 57.6073,
101.8346

■ 15.5897, 29.6556,
4.9340

Harmonies

Analogous

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



36.0675, 38.8633, 34.5702



34.7774, 38.8633, 36.6788



34.0752, 38.8633, 40.3865

Triad

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



34.7774, 38.8633, 36.6788



36.2586, 38.8633, 51.3081



39.9030, 38.8633, 39.8508

Complementary

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



34.7774, 38.8633, 36.6788



35.0099, 34.5996, 43.3632

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.



39.9577, 38.8633, 44.3050



34.7774, 38.8633, 36.6788



37.8232, 38.8633, 51.1391

Square

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



34.7774, 38.8633, 36.6788



34.9139, 38.8633, 48.9485



39.1871, 38.8633, 48.5020



39.0397, 38.8633, 36.3106

Rectangle

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



34.7774, 38.8633, 36.6788



34.0216, 38.8633, 43.3635



39.1871, 38.8633, 48.5020



40.0174, 38.8633, 41.2846

Sweetspot

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



34.7785, 38.8650, 36.6796



66.9453, 71.8092, 74.7533



36.5313, 38.6636, 36.5484



14.7940, 15.9498, 16.4060



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.7785, 38.8650, 36.6796



60.9883, 68.9879, 63.1935



34.3397, 38.5993, 38.4423



8.0851, 9.0325, 8.5307



11.7631, 22.3612, 3.6962



0.3772, 0.6478, 0.1052

Inverse Universe

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



35.0099, 34.5996, 43.3632



61.4778, 59.9624, 77.3356



35.4924, 34.8917, 41.4250



8.1386, 8.0458, 10.0767



12.3317, 5.7171, 29.4981



0.3892, 0.1828, 0.8228

Previews

White Background



This preview shows how the XYZ color 34.7774, 38.8633, 36.6788 looks on a white background.

Color Contrast Check

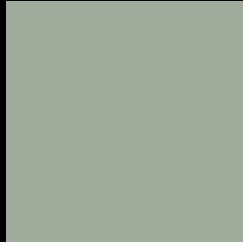
Large Text (above 18pt) WCAG AA × Fail

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 34.7774, 38.8633, 36.6788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

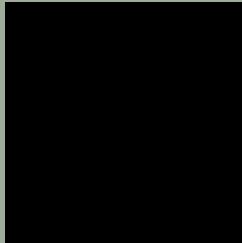
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

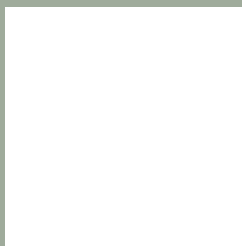
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7774, 38.8633, 36.6788

Background



This preview shows how black text looks on a background with the XYZ color 34.7774, 38.8633, 36.6788.



This preview shows how white text looks on a background with the XYZ color 34.7774, 38.8633,

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

34.7774, 38.8633, 36.6788

Protanopia

37.0240, 38.9360, 35.7010

Deuteranopia

39.4997, 38.8398, 37.3133



Tritanopia

37.2635, 38.7602, 49.2335

Trichromacy



Original Color

34.7774, 38.8633, 36.6788

Protanomaly

36.1976, 38.7734, 36.1480

Deuteranomaly

37.5873, 38.6577, 36.9331

Tritanomaly

36.3493, 38.6652, 44.5770

Monochromacy



Original Color

34.7774, 38.8633, 36.6788

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6285, 38.4004, 39.7166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7774, 38.8633, 36.6788 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(159, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 155)  
}
```

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(159, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.7774, 38.8633, 36.6788 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(159, 171, 155) }
```


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

```
.border{ border-color:rgb(159, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7774, 38.8633, 36.6788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 155) }
```

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

```
.background{ background-color: rgb(159,  
171, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor