

Converting Colors

XYZ(34.2055, 37.7533, 38.2969)

Have a look what the booklet for
XYZ(34.2055, 37.7533, 38.2969)
contains.

XYZ(34.1653, 37.6766, 38.2725)	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(34.1653, 37.6766,
38.2725)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA89F
RGB	157, 168, 159
RGB Percent	62%, 66%, 62%
CMY	0.3843, 0.3412, 0.3765
CMYK	0.07, 0.00, 0.05, 0.34
HSL	131°, 6%, 64%
HSV	131°, 7%, 66%
XYZ	34.1653, 37.6766, 38.2725
YIQ	163.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

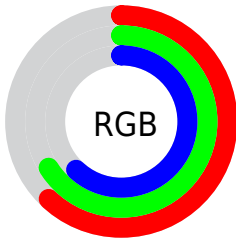
Format	Color
RYB	157, 166, 168
Decimal	10332319
CIELab	67.78, -5.62, 3.30
CIElCh	68, 6.517, 149.537
Yxy	37.6766, 0.3103, 0.3422
Android (android.graphics.Color)	4288522399 (0xFF9DA89F)
YUV	163.6850, -2.3097, -5.8627
Hunter-Lab	61.3813, -8.0627, 5.9983

Details

The XYZ color **34.1653, 37.6766, 38.2725** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0898, 35.1929, 41.0218**, and the grayscale version is **35.1497, 36.9802, 40.2715**.

A 20% lighter version of the original color is **65.6767, 71.6274, 73.9823**, and **14.8960, 16.6377, 16.6136** is the 20% darker color. If you saturate the color by 10%, you get **29.9830, 35.6519, 32.1924**, and if you desaturate by 10%, it is **38.9332, 39.9900, 45.0741**.

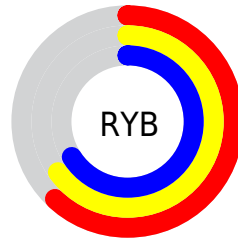
Distribution



Red (62%)

Green (66%)

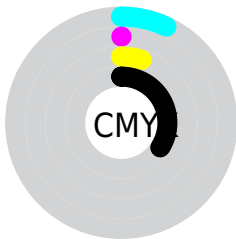
Blue (62%)



Red (62%)

Yellow (65%)

Blue (66%)

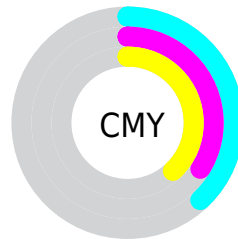


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1653, 37.6766, 38.2725 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 34.1653, 37.6766, 38.2725 by changing the saturation by 10% instead.

■ 34.1653, 37.6766,
38.2725

■ 34.1653, 37.6766,
38.2725

312.4414,
336.2306, 354.1207

■ 23.1841, 25.7318,
25.8908

■ 65.5332, 71.6122,
73.7337

■ 14.8510, 16.6231,
16.5169

■ 86.6507, 94.3717,
97.6502

■ 8.8005, 9.9661,
9.7324

111.8776,
121.5050, 126.2487

■ 4.6673, 5.3765,
5.1186

141.5793,
153.3963, 159.9478

■ 2.0862, 2.4698,
2.2571

176.1212,
190.4302, 199.1661

■ 0.6817, 0.8615,
0.7070

215.8686,

■ 0.0000, 0.0000,

232.9909, 244.3219

0.0000

261.1869,
281.4629, 295.8339

■ 34.1653, 37.6766,
38.2725

■ 34.1653, 37.6766,
38.2725

■ 29.9830, 35.6519,
32.1924

■ 38.9332, 39.9900,
45.0741

■ 26.3604, 33.8998,
26.8078

■ 44.3048, 42.5978,
52.6174

■ 23.2747, 32.4102,
22.0945

■ 50.3016, 45.5116,
60.9246

■ 20.6998, 31.1702,
18.0262

■ 56.9427, 48.7408,
70.0164

■ 18.6079, 30.1660,
14.5748

■ 64.2467, 52.2947,
79.9128

■ 16.9681, 29.3823,
11.7101

■ 71.1924, 55.6463,
90.5842

■ 15.7462, 28.8023,
9.3993

■ 73.2934, 56.4867,
101.6478

■ 14.9026, 28.4062,
7.6065

■ 14.3835, 28.1672,
6.2909

Harmonies

Analogous

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



34.8632, 37.6766, 36.3800



34.1653, 37.6766, 38.2725



33.9067, 37.6766, 40.9786

Triad

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



34.1653, 37.6766, 38.2725



35.7948, 37.6766, 46.8296



37.5238, 37.6766, 38.3467

Complementary

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



34.1653, 37.6766, 38.2725



35.0898, 35.1929, 41.0218

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.



37.7843, 37.6766, 41.0683



34.1653, 37.6766, 38.2725



36.7747, 37.6766, 46.0460

Square

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



34.1653, 37.6766, 38.2725



34.8366, 37.6766, 45.9976



37.5076, 37.6766, 43.9031



36.8023, 37.6766, 36.4214

Rectangle

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



34.1653, 37.6766, 38.2725



34.0143, 37.6766, 42.9083



37.5076, 37.6766, 43.9031



37.6688, 37.6766, 39.1945

Sweetspot

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



34.1664, 37.6782, 38.2733



65.7663, 70.1967, 74.8533



35.8509, 38.5665, 37.4534



14.3558, 15.3103, 16.3457



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.



34.1664, 37.6782, 38.2733



60.7138, 67.7474, 67.5995



34.6395, 37.8675, 40.7649



7.4904, 8.4292, 8.3025



10.7707, 21.2270, 4.5595



0.2776, 0.5227, 0.1927

Inverse Universe

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



35.0898, 35.1929, 41.0218



62.7761, 62.1969, 73.7375



34.6103, 35.0012, 38.4970



7.7825, 7.6429, 9.1720



15.6468, 7.6674, 18.7493



0.3955, 0.1925, 0.5341

Previews

White Background



This preview shows how the XYZ color 34.1653, 37.6766, 38.2725 looks on a white background.

Color Contrast Check

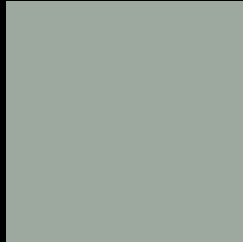
Large Text (above 18pt) WCAG AA × Fail

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 34.1653, 37.6766, 38.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

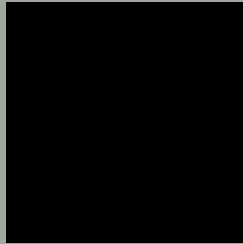
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

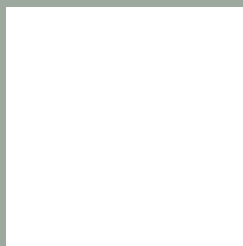
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1653, 37.6766, 38.2725

Background



This preview shows how black text looks on a background with the XYZ color 34.1653, 37.6766, 38.2725.



This preview shows how white text looks on a background with the XYZ color 34.1653, 37.6766,

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

34.1653, 37.6766, 38.2725

Protanopia

35.9388, 37.5313, 37.2484

Deuteranopia

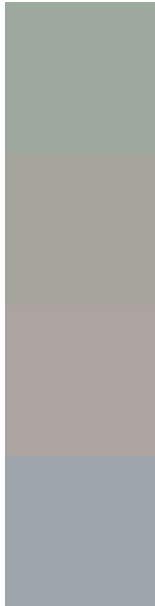
38.2952, 37.6599, 38.9689



Tritanopia

35.9882, 37.5982, 47.4799

Trichromacy



Original Color

34.1653, 37.6766, 38.2725

Protanomaly

35.1437, 37.3782, 37.7102

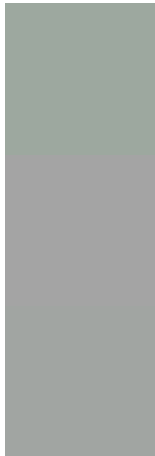
Deuteranomaly

36.6759, 37.6167, 38.5854

Tritanomaly

35.2850, 37.5836, 43.9227

Monochromacy



Original Color

34.1653, 37.6766, 38.2725

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.6747, 37.0960, 39.5151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1653, 37.6766, 38.2725 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(157, 168, 159) looks like.

```
.text, #text, p{  
    color:rgb(157, 168, 159)  
}
```

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(157, 168, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 168, 159) }
```

Border

The CSS property to change the border of an element to XYZ 34.1653, 37.6766, 38.2725 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(157, 168, 159) }
```


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

```
.border{ border-color:rgb(157, 168, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 168, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 168, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 168, 159);  
box-shadow:4px 4px 4px 4px rgb(157, 168,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1653, 37.6766, 38.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 168, 159) }
```

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

```
.background{ background-color: rgb(157,  
168, 159) }
```

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