

Converting Colors

XYZ(32.5654, 37.7798, 34.0096)

Have a look what the booklet for
XYZ(32.5654, 37.7798, 34.0096)
contains.

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Color

**XYZ(32.5654, 37.7798,
34.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	96AB95
RGB	150, 171, 149
RGB Percent	59%, 67%, 58%
CMY	0.4118, 0.3294, 0.4157
CMYK	0.12, 0.00, 0.13, 0.33
HSL	117°, 12%, 63%
HSV	117°, 13%, 67%
XYZ	32.5654, 37.7798, 34.0096
YIQ	162.2130, -5.4540, -11.2940

Conversions

Conversions Part 2

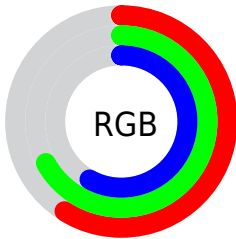
Format	Color
RYB	149, 171, 170
Decimal	9874325
CIELab	67.86, -11.58, 8.88
CIELCh	68, 14.599, 142.518
Yxy	37.7798, 0.3121, 0.3620
Android (android.graphics.Color)	4288064405 (0xFF96AB95)
YUV	162.2130, -6.5140, -10.7108
Hunter-Lab	61.4653, -12.9917, 10.2197

Details

The XYZ color **32.5654, 37.7798, 34.0096** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6772, 32.9823, 43.0686**, and the grayscale version is **34.4748, 36.2701, 39.4982**.

A 20% lighter version of the original color is **62.8777, 71.5419, 66.9949**, and **13.9470, 16.7281, 14.0490** is the 20% darker color. If you saturate the color by 10%, you get **28.5019, 35.8324, 27.2084**, and if you desaturate by 10%, it is **37.2499, 40.0263, 41.8879**.

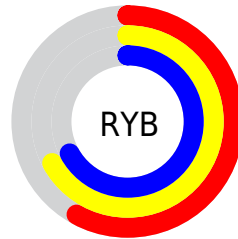
Distribution



Red (59%)

Green (67%)

Blue (58%)



Red (58%)

Yellow (67%)

Blue (67%)

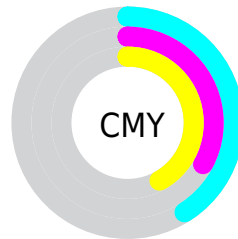


Cyan (12%)

Magenta (0%)

Yellow (13%)

Black (33%)



Cyan (41%)

Magenta (33%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5654, 37.7798, 34.0096 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 32.5654, 37.7798, 34.0096 by changing the saturation by 10% instead.

■ 32.5654, 37.7798,
34.0096

■ 32.5654, 37.7798,
34.0096

305.3866,
336.6744, 334.9453

■ 21.9514, 25.8118,
22.6236

■ 63.0556, 71.7705,
67.0827

■ 13.9376, 16.6829,
14.1131

■ 83.6626, 94.5620,
89.6068

■ 8.1587, 10.0087,
8.0597

108.3311,
121.7302, 116.6806

■ 4.2493, 5.4047,
4.0449

137.4268,
153.6594, 148.7228

■ 1.8441, 2.4866,
1.6500

171.3147,
190.7340, 186.1518

■ 0.5440, 0.8699,
0.3261

210.3605,

■ 0.0000, 0.0000,

233.3385, 229.3862

0.0000

254.9293,
281.8571, 278.8445

■ 32.5654, 37.7798,
34.0096

■ 32.5654, 37.7798,
34.0096

■ 28.5019, 35.8324,
27.2084

■ 37.2499, 40.0263,
41.8879

■ 25.0305, 34.1670,
21.4352

■ 42.5768, 42.5788,
50.8846

■ 22.1244, 32.7720,
16.6407

■ 48.5700, 45.4498,
61.0419

■ 19.7536, 31.6330,
12.7708

■ 55.2516, 48.6498,
72.3990

■ 17.8856, 30.7346,
9.7658

■ 62.6424, 52.1888,
84.9934

■ 16.4840, 30.0594,
7.5594

■ 70.7624, 56.0764,
98.8608

■ 15.5075, 29.5879,
6.0755

■ 73.8537, 57.6073,
101.8346

■ 14.9079, 29.2970,
5.2234

■ 14.6609, 29.1775,
4.8591

Harmonies

Analogous

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



34.2679, 37.7798, 30.6653



32.5654, 37.7798, 34.0096



31.7651, 37.7798, 39.5344

Triad

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



32.5654, 37.7798, 34.0096



35.3450, 37.7798, 54.7685



40.0796, 37.7798, 36.5458

Complementary

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



32.5654, 37.7798, 34.0096



34.6772, 32.9823, 43.0686

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.



40.3975, 37.7798, 42.7798



32.5654, 37.7798, 34.0096



37.6007, 37.7798, 53.7535

Square

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



32.5654, 37.7798, 34.0096



33.3255, 37.7798, 51.8373



39.4730, 37.7798, 49.1937



38.6218, 37.7798, 32.0188

Rectangle

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



32.5654, 37.7798, 34.0096



31.8263, 37.7798, 43.8961



39.4730, 37.7798, 49.1937



40.3257, 37.7798, 38.4937

Sweetspot

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



32.5664, 37.7814, 34.0104



65.6393, 71.1687, 73.2122



36.5771, 39.5418, 34.1388



14.4933, 15.8016, 16.0832



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.



32.5664, 37.7814, 34.0104



56.4767, 66.7765, 57.8137



33.2079, 38.0168, 38.3443



7.9369, 8.9561, 8.5237



11.0639, 22.0007, 3.6634



0.3185, 0.6175, 0.1024

Inverse Universe

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



34.6772, 32.9823, 43.0686



60.8881, 56.7459, 76.7458



33.9852, 32.7305, 38.2922



8.3006, 8.1293, 10.0843



16.9758, 8.1112, 29.7154



0.4830, 0.2312, 0.8272

Previews

White Background



This preview shows how the XYZ color 32.5654, 37.7798, 34.0096 looks on a white background.

Color Contrast Check

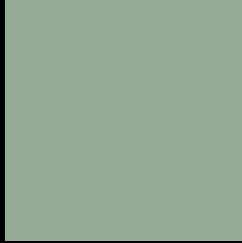
Large Text (above 18pt) WCAG AA × Fail

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 32.5654, 37.7798, 34.0096 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

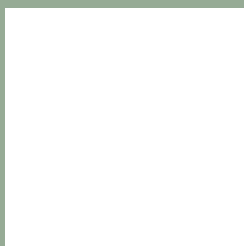
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5654, 37.7798, 34.0096

Background



This preview shows how black text looks on a background with the XYZ color 32.5654, 37.7798, 34.0096.



This preview shows how white text looks on a background with the XYZ color 32.5654, 37.7798,

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

32.5654, 37.7798, 34.0096

Protanopia

35.6567, 37.7562, 32.6025

Deuteranopia

38.2338, 37.4697, 34.4954



Tritanopia

35.5745, 37.9013, 48.6207

Trichromacy



Original Color

32.5654, 37.7798, 34.0096

Protanomaly

34.3950, 37.6365, 33.0555

Deuteranomaly

35.8358, 37.2806, 34.1613

Tritanomaly

34.3009, 37.6421, 42.9939

Monochromacy



Original Color

32.5654, 37.7798, 34.0096

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

33.6415, 36.6137, 37.1923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5654, 37.7798, 34.0096 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(150, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(150, 171, 149)  
}
```

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(150, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 171, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.5654, 37.7798, 34.0096 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(150, 171, 149) }
```


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

```
.border{ border-color:rgb(150, 171, 149) }
```

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

Here you see how a box with a 4 pixel rgb(150, 171, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(150, 171,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5654, 37.7798, 34.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 171, 149) }
```

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

```
.background{ background-color: rgb(150,  
171, 149) }
```

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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