

Converting Colors

XYZ(32.3666, 36.0209, 37.1595)

Have a look what the booklet for
XYZ(32.3666, 36.0209, 37.1595)
contains.

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Color

**XYZ(32.3034, 35.9239,
37.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	97A59D
RGB	151, 165, 157
RGB Percent	59%, 65%, 62%
CMY	0.4078, 0.3529, 0.3843
CMYK	0.08, 0.00, 0.05, 0.35
HSL	146°, 7%, 62%
HSV	146°, 8%, 65%
XYZ	32.3034, 35.9239, 37.1297
YIQ	159.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

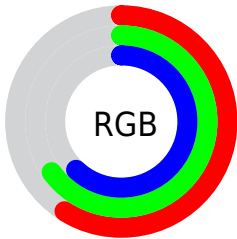
Format	Color
RYB	151, 161, 165
Decimal	9938333
CIELab	66.46, -6.51, 2.45
CIElCh	66, 6.952, 159.389
Yxy	35.9239, 0.3066, 0.3410
Android (android.graphics.Color)	4288128413 (0xFF97A59D)
YUV	159.9020, -1.4307, -7.8071
Hunter-Lab	59.9365, -8.6846, 5.2264

Details

The XYZ color **32.3034, 35.9239, 37.1297** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8429, 32.6366, 37.3710**, and the grayscale version is **33.3776, 35.1158, 38.2411**.

A 20% lighter version of the original color is **62.6537, 68.9190, 72.2878**, and **13.7622, 15.5602, 15.9137** is the 20% darker color. If you saturate the color by 10%, you get **28.6787, 34.1458, 32.9186**, and if you desaturate by 10%, it is **36.4209, 37.9509, 41.6898**.

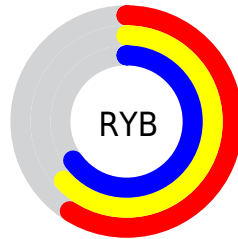
Distribution



Red (59%)

Green (65%)

Blue (62%)



Red (59%)

Yellow (63%)

Blue (65%)

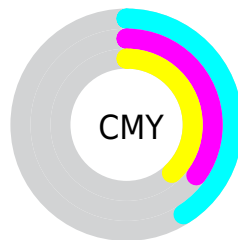


Cyan (8%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (41%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3034, 35.9239, 37.1297 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 32.3034, 35.9239, 37.1297 by changing the saturation by 10% instead.

■ 32.3034, 35.9239,
37.1297

■ 32.3034, 35.9239,
37.1297

304.2198,
328.6278, 349.0573

■ 21.7500, 24.3754,
25.0114

■ 62.6484, 68.9146,
71.9608

■ 13.7889, 15.6123,
15.8664

■ 83.1707, 91.1256,
95.5106

■ 8.0547, 9.2503,
9.2763

107.7468,
117.6596, 123.7080

■ 4.1821, 4.9048,
4.8226

136.7419,
148.9009, 156.9714

■ 1.8056, 2.1915,
2.0866

170.5214,
185.2340, 195.7196

■ 0.5211, 0.7154,
0.6078

209.4506,

■ 0.0000, 0.0000,

227.0433, 240.3709

0.0000

253.8950,
274.7131, 291.3440

■ 32.3034, 35.9239,
37.1297

■ 32.3034, 35.9239,
37.1297

■ 28.6787, 34.1458,
32.9186

■ 36.4209, 37.9509,
41.6898

■ 25.5247, 32.6023,
29.0460

■ 41.0461, 40.2313,
46.6044

■ 22.8221, 31.2846,
25.5041

■ 46.1973, 42.7754,
51.8819

■ 20.5488, 30.1816,
22.2840

■ 51.8907, 45.5913,
57.5297

■ 18.6811, 29.2812,
19.3766

■ 58.1417, 48.6870,
63.5550

■ 17.1926, 28.5700,
16.7722

■ 64.9655, 52.0699,
69.9647

■ 16.0539, 28.0329,
14.4603

■ 68.0166, 53.5000,
76.5616

■ 15.2307, 27.6526,
12.4301

■ 69.3241, 54.0230,
83.4466

■ 14.6611, 27.3974,
10.6689

■ 70.7035, 54.5747,
90.7105

Harmonies

Analogous

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



32.8889, 35.9239, 34.8458



32.3034, 35.9239, 37.1297



32.2058, 35.9239, 40.0586

Triad

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



32.3034, 35.9239, 37.1297



34.4725, 35.9239, 45.0537



35.7166, 35.9239, 35.5856

Complementary

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



32.3034, 35.9239, 37.1297



32.8429, 32.6366, 37.3710

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.



36.1597, 35.9239, 38.1864



32.3034, 35.9239, 37.1297



35.4319, 35.9239, 43.7194

Square

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



32.3034, 35.9239, 37.1297



33.4441, 35.9239, 44.7353



36.0544, 35.9239, 41.1699



34.8547, 35.9239, 33.9863

Rectangle

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



32.3034, 35.9239, 37.1297



32.4285, 35.9239, 41.9990



36.0544, 35.9239, 41.1699



35.9202, 35.9239, 36.3662

Sweetspot

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



32.3044, 35.9254, 37.1305



61.7448, 66.2511, 70.8514



33.3735, 36.5343, 34.5714



13.3725, 14.4217, 15.3498



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



32.3044, 35.9254, 37.1305



56.6892, 63.7653, 65.1714



32.9046, 36.1655, 40.2912



7.1056, 7.9431, 8.1681



11.0562, 20.7088, 8.0126



0.2558, 0.4445, 0.2920

Inverse Universe

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



32.8429, 32.6366, 37.3710



57.8334, 56.7778, 65.6823



32.2659, 32.4058, 34.3322



7.2354, 7.1506, 8.2260



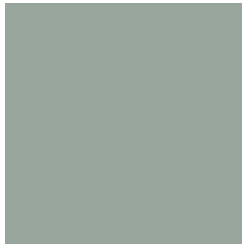
13.3028, 6.6772, 8.7850



0.3025, 0.1495, 0.3059

Previews

White Background



This preview shows how the XYZ color 32.3034, 35.9239, 37.1297 looks on a white background.

Color Contrast Check

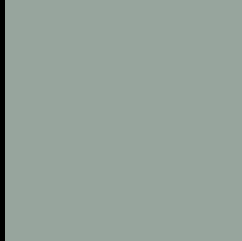
Large Text (above 18pt) WCAG AA × Fail

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 32.3034, 35.9239, 37.1297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

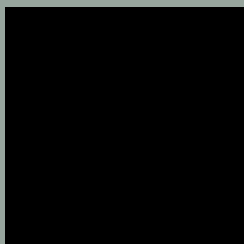
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

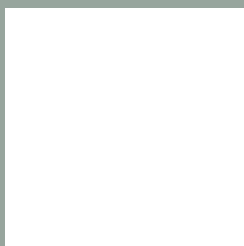
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3034, 35.9239, 37.1297

Background



This preview shows how black text looks on a background with the XYZ color 32.3034, 35.9239, 37.1297.



This preview shows how white text looks on a background with the XYZ color 32.3034, 35.9239,

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

32.3034, 35.9239, 37.1297

Protanopia

34.3871, 35.9633, 36.1396

Deuteranopia

36.5066, 35.7451, 37.7763



Tritanopia

33.9846, 35.8058, 45.6775

Trichromacy



Original Color

32.3034, 35.9239, 37.1297

Protanomaly

33.6190, 35.8180, 36.5941

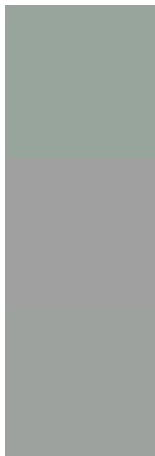
Deuteranomaly

34.7181, 35.5897, 37.3874

Tritanomaly

33.3019, 35.7938, 42.1995

Monochromacy



Original Color

32.3034, 35.9239, 37.1297

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.0830, 35.5120, 37.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3034, 35.9239, 37.1297 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, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 157)  
}
```

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, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 157) }
```

Border

The CSS property to change the border of an element to XYZ 32.3034, 35.9239, 37.1297 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, 165, 157) }
```


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

```
.border{ border-color:rgb(151, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(151, 165,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3034, 35.9239, 37.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 165, 157) }
```

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

```
.background{ background-color: rgb(151,  
165, 157) }
```

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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