

Converting Colors

XYZ(33.9610, 36.7527, 37.1852)

Have a look what the booklet for
XYZ(33.9610, 36.7527, 37.1852)
contains.

XYZ(34.0381, 36.8182, 37.2109)	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(34.0381, 36.8182,
37.2109)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A59D
RGB	160, 165, 157
RGB Percent	63%, 65%, 62%
CMY	0.3725, 0.3529, 0.3843
CMYK	0.03, 0.00, 0.05, 0.35
HSL	98°, 4%, 63%
HSV	98°, 5%, 65%
XYZ	34.0381, 36.8182, 37.2109
YIQ	162.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

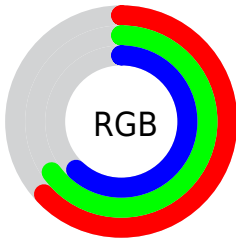
Format	Color
RYB	157, 165, 162
Decimal	10528157
CIELab	67.14, -3.30, 3.52
CIELCh	67, 4.819, 133.146
Yxy	36.8182, 0.3150, 0.3407
Android (android.graphics.Color)	4288718237 (0xFFA0A59D)
YUV	162.5930, -2.7573, -2.2741
Hunter-Lab	60.6780, -6.0547, 6.1149

Details

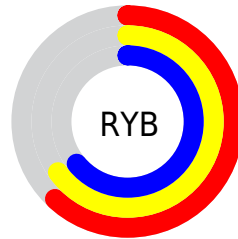
The XYZ color **34.0381, 36.8182, 37.2109** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7503, 34.5130, 40.4821**, and the grayscale version is **34.6345, 36.4382, 39.6812**.

A 20% lighter version of the original color is **65.5012, 70.3869, 72.4211**, and **14.8133, 16.1021, 15.9629** is the 20% darker color. If you saturate the color by 10%, you get **30.7462, 35.2742, 30.1931**, and if you desaturate by 10%, it is **37.6935, 38.5298, 45.2405**.

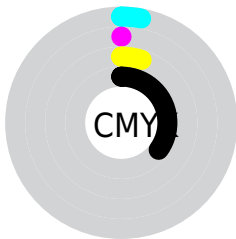
Distribution



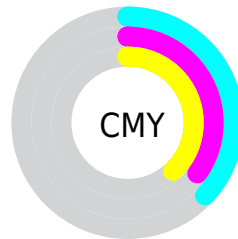
- Red (63%)
- Green (65%)
- Blue (62%)



- Red (62%)
- Yellow (65%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (35%)



- Cyan (37%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0381, 36.8182, 37.2109 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 34.0381, 36.8182, 37.2109 by changing the saturation by 10% instead.

■ 34.0381, 36.8182,
37.2109

■ 34.0381, 36.8182,
37.2109

311.8848,
332.5228, 349.4189

■ 23.0859, 25.0668,
25.0738

■ 65.3368, 70.2931,
72.0870

■ 14.7780, 16.1268,
15.9125

■ 86.4140, 92.7853,
95.6630

■ 8.7490, 9.6139,
9.3086

111.5970,
119.6266, 123.8891

■ 4.6336, 5.1437,
4.8434

141.2510,
151.2014, 157.1837

■ 2.0665, 2.3318,
2.0986

175.7414,
187.8940, 195.9655

■ 0.6709, 0.7905,
0.6149

215.4336,

■ 0.0000, 0.0000,

230.0888, 240.6529

0.0000

260.6930,
278.1703, 291.6645

■ 34.0381, 36.8182,
37.2109

■ 34.0381, 36.8182,
37.2109

■ 30.7462, 35.2742,
30.1931

■ 37.6935, 38.5298,
45.2405

■ 27.8031, 33.8877,
24.1445

■ 41.7205, 40.4090,
54.3172

■ 25.1973, 32.6551,
19.0232

■ 46.1307, 42.4623,
64.4777

■ 22.9157, 31.5704,
14.7833

■ 50.9344, 44.6940,
75.7563

■ 20.9443, 30.6275,
11.3749

■ 56.1413, 47.1085,
88.1856

■ 19.2677, 29.8197,
8.7431

■ 61.5988, 49.6452,
100.9436

■ 17.8693, 29.1397,
6.8264

■ 64.8541, 51.3234,
101.0960

■ 16.7301, 28.5794,
5.5542

■ 68.3061, 53.1030,
101.2575

■ 15.8278, 28.1292,
4.8393

■ 71.9580, 54.9856,
101.4284

Harmonies

Analogous

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



34.6745, 36.8182, 36.2794



34.0381, 36.8182, 37.2109



33.6609, 36.8182, 38.9280

Triad

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



34.0381, 36.8182, 37.2109



34.5869, 36.8182, 44.0836



36.3873, 36.8182, 39.1763

Complementary

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



34.0381, 36.8182, 37.2109



33.7503, 34.5130, 40.4821

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.



36.3630, 36.8182, 41.2723



34.0381, 36.8182, 37.2109



35.3166, 36.8182, 44.1558

Square

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



34.0381, 36.8182, 37.2109



33.9747, 36.8182, 42.9175



35.9688, 36.8182, 43.1113



36.0347, 36.8182, 37.3872

Rectangle

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



34.0381, 36.8182, 37.2109



33.6040, 36.8182, 40.3111



35.9688, 36.8182, 43.1113



36.4231, 36.8182, 39.8673

Sweetspot

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



34.0391, 36.8198, 37.2117



63.3884, 67.0762, 71.9318



34.5129, 36.2524, 37.0772



13.8663, 14.6681, 15.7440



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.



34.0391, 36.8198, 37.2117



60.1802, 65.5733, 64.9583



33.5267, 36.5464, 37.6055



7.4321, 8.1156, 7.9918



11.7260, 21.1554, 3.4654



0.2976, 0.4709, 0.0752

Inverse Universe

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



33.7503, 34.5130, 40.4821



59.5341, 60.4123, 72.2753



34.2823, 34.7970, 40.0650



7.3473, 7.4386, 8.9516



9.4398, 4.2729, 27.2570



0.2481, 0.1154, 0.5751

Previews

White Background



This preview shows how the XYZ color 34.0381, 36.8182, 37.2109 looks on a white background.

Color Contrast Check

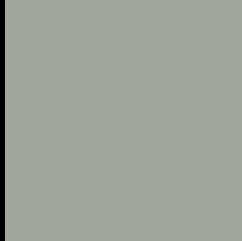
Large Text (above 18pt) WCAG AA × Fail

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 34.0381, 36.8182, 37.2109 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

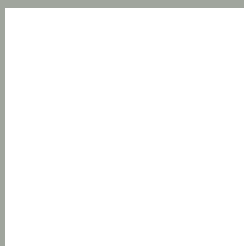
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0381, 36.8182, 37.2109

Background



This preview shows how black text looks on a background with the XYZ color 34.0381, 36.8182, 37.2109.



This preview shows how white text looks on a background with the XYZ color 34.0381, 36.8182, 37.2109.

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

34.0381, 36.8182, 37.2109

Protanopia

35.2464, 36.9195, 36.7210

Deuteranopia

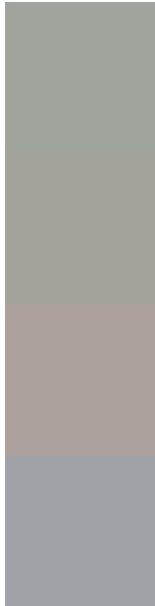
37.4545, 36.7461, 37.4664



Tritanopia

35.7625, 36.7223, 45.7607

Trichromacy



Original Color

34.0381, 36.8182, 37.2109

Protanomaly

34.7933, 36.9506, 36.7509

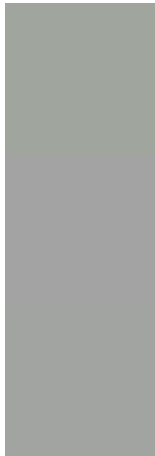
Deuteranomaly

36.1500, 36.8426, 37.5538

Tritanomaly

35.0654, 36.7029, 42.2820

Monochromacy



Original Color

34.0381, 36.8182, 37.2109

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.6088, 36.8055, 38.9983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0381, 36.8182, 37.2109 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(160, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 165, 157) }
```

Border

The CSS property to change the border of an element to XYZ 34.0381, 36.8182, 37.2109 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(160, 165, 157) }
```


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

```
.border{ border-color:rgb(160, 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(160, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(160, 165,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0381, 36.8182, 37.2109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 165, 157) }
```

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

```
.background{ background-color: rgb(160,  
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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