

Converting Colors

XYZ(36.1700, 38.1761, 37.8101)

Have a look what the booklet for
XYZ(36.1700, 38.1761, 37.8101)
contains.

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Color

**XYZ(36.1700, 38.1761,
37.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A69E
RGB	169, 166, 158
RGB Percent	66%, 65%, 62%
CMY	0.3373, 0.3490, 0.3804
CMYK	0.00, 0.02, 0.07, 0.34
HSL	44°, 6%, 64%
HSV	44°, 7%, 66%
XYZ	36.1700, 38.1761, 37.8101
YIQ	165.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

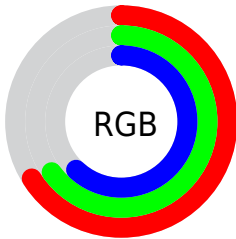
Format	Color
RYB	162, 169, 158
Decimal	11118238
CIELab	68.15, -0.38, 4.51
CIElCh	68, 4.526, 94.871
Yxy	38.1761, 0.3225, 0.3404
Android (android.graphics.Color)	4289308318 (0xFFA9A69E)
YUV	165.9850, -3.9366, 2.6442
Hunter-Lab	61.7868, -3.6330, 6.9686

Details

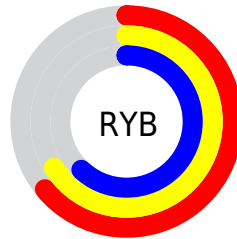
The XYZ color **36.1700, 38.1761, 37.8101** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0069, 35.6229, 42.6202**, and the grayscale version is **36.2561, 38.1443, 41.5391**.

A 20% lighter version of the original color is **68.6072, 72.3643, 73.3025**, and **16.0073, 16.8781, 16.3240** is the 20% darker color. If you saturate the color by 10%, you get **33.9925, 35.9909, 30.3941**, and if you desaturate by 10%, it is **38.5797, 40.5046, 46.2914**.

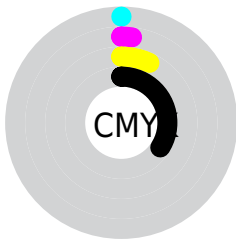
Distribution



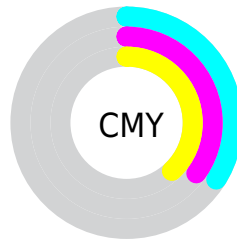
- Red (66%)
- Green (65%)
- Blue (62%)



- Red (64%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (34%)



- Cyan (34%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.1700, 38.1761, 37.8101 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 36.1700, 38.1761, 37.8101 by changing the saturation by 10% instead.

■ 36.1700, 38.1761,
37.8101

■ 36.1700, 38.1761,
37.8101

321.1213,
338.3748, 352.0784

■ 24.7362, 26.1194,
25.5346

■ 68.6165, 72.3780,
73.0172

■ 16.0083, 16.9130,
16.2532

■ 90.3600, 95.2919,
96.7859

■ 9.6209, 10.1725,
9.5472

116.2708,
122.5938, 125.2227

■ 5.2087, 5.5135,
4.9981

146.7142,
154.6679, 158.7463

■ 2.4062, 2.5516,
2.1874

182.0556,
191.8986, 197.7751

■ 0.8482, 0.9024,
0.6671

222.6603,

■ 0.0000, 0.0000,

234.6704, 242.7277

0.0000

268.8938,
283.3677, 294.0226

■ 36.1700, 38.1761,
37.8101

■ 36.1700, 38.1761,
37.8101

■ 33.9925, 35.9909,
30.3941

■ 38.5797, 40.5046,
46.2914

■ 32.0356, 33.9402,
23.9982

■ 41.2263, 42.9750,
55.8760

■ 30.2914, 32.0216,
18.5773

■ 44.1185, 45.5926,
66.6030

■ 28.7502, 30.2305,
14.0823

■ 47.2635, 48.3607,
78.5087

■ 27.4015, 28.5624,
10.4596

■ 50.6681, 51.2826,
91.6281

■ 26.2338, 27.0122,
7.6500

■ 53.6221, 54.0744,
102.2190

■ 25.2342, 25.5739,
5.5872

■ 54.6602, 56.1508,
102.5650

■ 24.3876, 24.2413,
4.1938

■ 55.7304, 58.2911,
102.9217

■ 23.6734, 23.0053,
3.3622

■ 56.8329, 60.4961,
103.2892

Harmonies

Analogous

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



36.8652, 38.1761, 38.1436



36.1700, 38.1761, 37.8101



35.5141, 38.1761, 38.4564

Triad

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



36.1700, 38.1761, 37.8101



35.1821, 38.1761, 43.8315



37.5291, 38.1761, 43.2414

Complementary

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



36.1700, 38.1761, 37.8101



34.0069, 35.6229, 42.6202

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.



37.0675, 38.1761, 44.8416



36.1700, 38.1761, 37.8101



35.7114, 38.1761, 45.1900

Square

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



36.1700, 38.1761, 37.8101



34.9485, 38.1761, 41.8985



36.4007, 38.1761, 45.5655



37.6557, 38.1761, 41.2378

Rectangle

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



36.1700, 38.1761, 37.8101



35.1855, 38.1761, 39.3686



36.4007, 38.1761, 45.5655



37.4076, 38.1761, 43.8463

Sweetspot

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



36.1711, 38.1778, 37.8109



66.6571, 70.2058, 74.2699



35.0329, 35.4666, 38.7720



14.5391, 15.3123, 16.2256



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.



36.1711, 38.1778, 37.8109



64.1140, 67.7162, 65.4171



36.2155, 39.0189, 37.9709



7.9715, 8.4230, 7.9949



17.5157, 16.9286, 2.3444



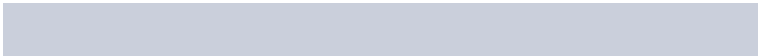
0.4653, 0.4902, 0.0701

Inverse Universe

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



34.0069, 35.6229, 42.6202



59.3174, 62.0539, 76.0763



33.9628, 34.8320, 42.4699



7.2919, 7.6208, 9.5050



6.1062, 3.6725, 28.3625



0.1902, 0.1726, 0.7039

Previews

White Background



This preview shows how the XYZ color 36.1700, 38.1761, 37.8101 looks on a white background.

Color Contrast Check

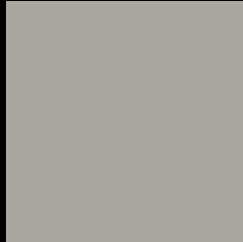
Large Text (above 18pt) WCAG AA × Fail

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 36.1700, 38.1761, 37.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

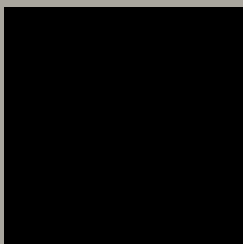
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

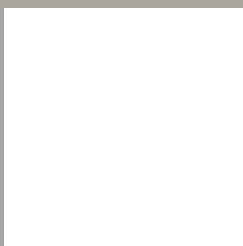
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.1700, 38.1761, 37.8101

Background



This preview shows how black text looks on a background with the XYZ color 36.1700, 38.1761, 37.8101.

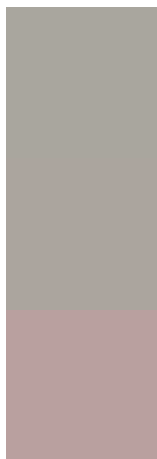


This preview shows how white text looks on a background with the XYZ color 36.1700, 38.1761,

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

36.1700, 38.1761, 37.8101

Protanopia

36.4213, 38.0368, 37.7700

Deuteranopia

38.8364, 37.9591, 38.0808



Tritanopia

37.9469, 38.0996, 46.4282

Trichromacy



Original Color

36.1700, 38.1761, 37.8101

Protanomaly

36.2043, 37.9249, 37.7598

Deuteranomaly

37.7687, 37.9276, 38.1310

Tritanomaly

37.2315, 38.0734, 42.9227

Monochromacy



Original Color

36.1700, 38.1761, 37.8101

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1834, 38.1323, 40.1035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1700, 38.1761, 37.8101 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(169, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 166, 158)  
}
```

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(169, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 166, 158) }
```

Border

The CSS property to change the border of an element to XYZ 36.1700, 38.1761, 37.8101 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(169, 166, 158) }
```


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

```
.border{ border-color:rgb(169, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 166,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1700, 38.1761, 37.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 166, 158) }
```

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

```
.background{ background-color: rgb(169,  
166, 158) }
```

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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