

Converting Colors

XYZ(34.8356, 36.1388, 35.0131)

Have a look what the booklet for
XYZ(34.8356, 36.1388, 35.0131)
contains.

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Color

**XYZ(34.7746, 36.1918,
34.8587)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A198
RGB	169, 161, 152
RGB Percent	66%, 63%, 60%
CMY	0.3373, 0.3686, 0.4039
CMYK	0.00, 0.05, 0.10, 0.34
HSL	32°, 9%, 63%
HSV	32°, 10%, 66%
XYZ	34.7746, 36.1918, 34.8587
YIQ	162.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

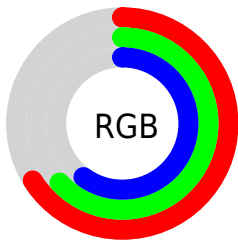
Format	Color
RYB	167, 169, 152
Decimal	11116952
CIELab	66.67, 1.29, 5.71
CIELCh	67, 5.853, 77.253
Yxy	36.1918, 0.3286, 0.3420
Android (android.graphics.Color)	4289307032 (0xFFA9A198)
YUV	162.3660, -5.1104, 5.8180
Hunter-Lab	60.1596, -2.0994, 7.7569

Details

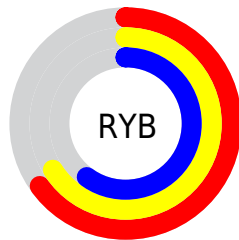
The XYZ color **34.7746, 36.1918, 34.8587** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6811, 34.6810, 42.5082**, and the grayscale version is **34.5359, 36.3344, 39.5682**.

A 20% lighter version of the original color is **66.4369, 69.4153, 68.2894**, and **15.2610, 15.8734, 14.5714** is the 20% darker color. If you saturate the color by 10%, you get **32.1428, 32.9875, 27.6322**, and if you desaturate by 10%, it is **37.6940, 39.6548, 43.1551**.

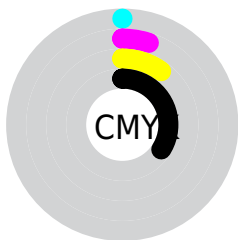
Distribution



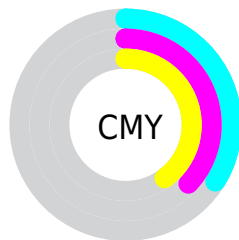
- Red (66%)
- Green (63%)
- Blue (60%)



- Red (65%)
- Yellow (66%)
- Blue (60%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (34%)



- Cyan (34%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7746, 36.1918, 34.8587 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 34.7746, 36.1918, 34.8587 by changing the saturation by 10% instead.

■ 34.7746, 36.1918,
34.8587

■ 34.7746, 36.1918,
34.8587

315.0978,
329.7981, 338.8295

■ 23.6550, 24.5824,
23.2714

■ 66.4728, 69.3280,
68.4159

■ 15.2012, 15.7662,
14.5868

■ 87.7820, 91.6236,
91.2228

■ 9.0480, 9.3588,
8.3865

113.2186,
118.2499, 118.6068

■ 4.8299, 4.9760,
4.2520

143.1478,
149.5915, 150.9862

■ 2.1815, 2.2332,
1.7646

177.9349,
186.0328, 188.7796

■ 0.7330, 0.7380,
0.4044

217.9454,

■ 0.0000, 0.0000,

227.9580, 232.4056

0.0000

263.5446,
275.7516, 282.2827

■ 34.7746, 36.1918,
34.8587

■ 34.7746, 36.1918,
34.8587

■ 32.1428, 32.9875,
27.6322

■ 37.6940, 39.6548,
43.1551

■ 29.7858, 30.0307,
21.4289

■ 40.9074, 43.3782,
52.5606

■ 27.6938, 27.3160,
16.2023

■ 44.4247, 47.3694,
63.1154

■ 25.8557, 24.8361,
11.9012

■ 48.2545, 51.6344,
74.8570

■ 24.2590, 22.5833,
8.4697

■ 52.4049, 56.1788,
87.8212

■ 22.8904, 20.5491,
5.8459

■ 56.8838, 61.0080,
102.0421

■ 21.7347, 18.7246,
3.9595

■ 59.1359, 65.1021,
104.0569

■ 20.7743, 17.0995,
2.7278

■ 61.2303, 69.2910,
104.7551

■ 19.9767, 15.6638,
1.9705

■ 63.4248, 73.6799,
105.4865

Harmonies

Analogous

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



35.5627, 36.1918, 35.9480



34.7746, 36.1918, 34.8587



33.8989, 36.1918, 34.9498

Triad

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



34.7746, 36.1918, 34.8587



32.8056, 36.1918, 40.8642



35.6592, 36.1918, 42.7947

Complementary

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



34.7746, 36.1918, 34.8587



32.6811, 34.6810, 42.5082

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.



34.9044, 36.1918, 44.2273



34.7746, 36.1918, 34.8587



33.2614, 36.1918, 43.0805

Square

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



34.7746, 36.1918, 34.8587



32.7722, 36.1918, 38.3452



34.0266, 36.1918, 44.3341



36.0792, 36.1918, 40.4876

Rectangle

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



34.7746, 36.1918, 34.8587



33.3832, 36.1918, 35.6674



34.0266, 36.1918, 44.3341



35.4356, 36.1918, 43.3987

Sweetspot

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



34.7756, 36.1934, 34.8595



65.8871, 69.1135, 72.6329



33.9551, 33.4377, 38.0222



14.2694, 14.9561, 15.5706



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.



34.7756, 36.1934, 34.8595



61.2213, 63.5435, 59.4811



36.1574, 39.0471, 35.3375



7.8476, 8.1753, 7.9536



14.9424, 11.7820, 1.4866



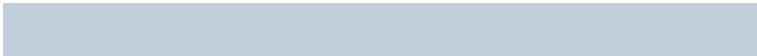
0.4141, 0.3878, 0.0530

Inverse Universe

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



32.6811, 34.6810, 42.5082



56.7322, 60.3022, 75.8745



31.3922, 32.0244, 42.0633



7.4119, 7.8606, 9.5449



7.5009, 6.4619, 28.8274



0.2340, 0.2603, 0.7185

Previews

White Background



This preview shows how the XYZ color 34.7746, 36.1918, 34.8587 looks on a white background.

Color Contrast Check

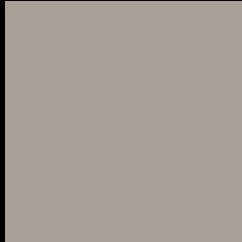
Large Text (above 18pt) WCAG AA × Fail

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 34.7746, 36.1918, 34.8587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

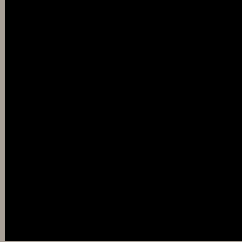
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

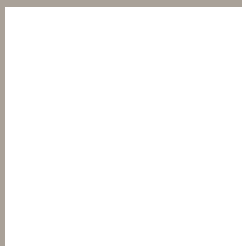
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7746, 36.1918, 34.8587

Background



This preview shows how black text looks on a background with the XYZ color 34.7746, 36.1918, 34.8587.

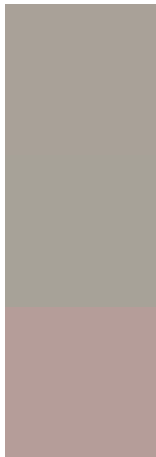


This preview shows how white text looks on a background with the XYZ color 34.7746, 36.1918,

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

34.7746, 36.1918, 34.8587

Protanopia

34.5242, 36.3231, 34.8972

Deuteranopia

36.8628, 36.2376, 35.1887



Tritanopia

36.5908, 36.1646, 43.5800

Trichromacy



Original Color

34.7746, 36.1918, 34.8587

Protanomaly

34.7363, 36.4325, 34.9071

Deuteranomaly

36.1081, 36.1007, 35.2020

Tritanomaly

35.8936, 36.1345, 40.2048

Monochromacy



Original Color

34.7746, 36.1918, 34.8587

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.6089, 36.3086, 37.5319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7746, 36.1918, 34.8587 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, 161, 152)` looks like.

```
.text, #text, p{  
    color:rgb(169, 161, 152)  
}
```

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, 161, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 161, 152) }
```

Border

The CSS property to change the border of an element to XYZ 34.7746, 36.1918, 34.8587 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, 161, 152) }
```


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

```
.border{ border-color:rgb(169, 161, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 161, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 161, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 161, 152);  
box-shadow:4px 4px 4px 4px rgb(169, 161,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7746, 36.1918, 34.8587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 161, 152) }
```

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

```
.background{ background-color: rgb(169,  
161, 152) }
```

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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