

Converting Colors

XYZ(35.0642, 37.5093, 36.0282)

Have a look what the booklet for
XYZ(35.0642, 37.5093, 36.0282)
contains.

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Color

**XYZ(35.1948, 37.7125,
35.9961)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A69A
RGB	166, 166, 154
RGB Percent	65%, 65%, 60%
CMY	0.3490, 0.3490, 0.3961
CMYK	0.00, 0.00, 0.07, 0.35
HSL	60°, 6%, 63%
HSV	60°, 7%, 65%
XYZ	35.1948, 37.7125, 35.9961
YIQ	164.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

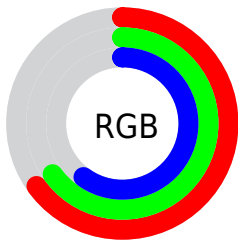
Format	Color
RYB	154, 166, 154
Decimal	10921626
CIELab	67.81, -2.20, 6.21
CIELCh	68, 6.583, 109.490
Yxy	37.7125, 0.3232, 0.3463
Android (android.graphics.Color)	4289111706 (0xFFA6A69A)
YUV	164.6320, -5.2416, 1.1997
Hunter-Lab	61.4105, -5.1688, 8.2342

Details

The XYZ color **35.1948, 37.7125, 35.9961** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7664, 32.7354, 40.7227**, and the grayscale version is **35.6118, 37.4664, 40.8009**.

A 20% lighter version of the original color is **67.0604, 71.6391, 69.9678**, and **15.4049, 16.5913, 15.2225** is the 20% darker color. If you saturate the color by 10%, you get **33.9062, 37.1982, 29.2108**, and if you desaturate by 10%, it is **36.6768, 38.3066, 43.7901**.

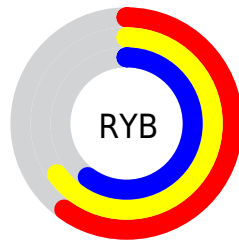
Distribution



Red (65%)

Green (65%)

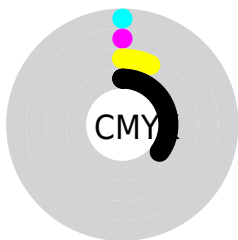
Blue (60%)



Red (60%)

Yellow (65%)

Blue (60%)

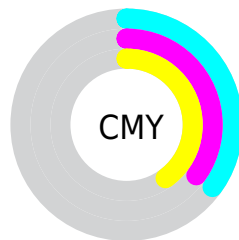


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1948, 37.7125, 35.9961 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 35.1948, 37.7125, 35.9961 by changing the saturation by 10% instead.

■ 35.1948, 37.7125,
35.9961

■ 35.1948, 37.7125,
35.9961

316.9203,
336.3851, 343.9804

■ 23.9802, 25.7596,
24.1415

■ 67.1195, 71.6673,
70.1950

■ 15.4436, 16.6439,
15.2255

■ 88.5602, 94.4379,
93.3764

■ 9.2196, 9.9809,
8.8294

114.1404,
121.5833, 121.1706

■ 4.9430, 5.3863,
4.5348

144.2254,
153.4879, 153.9959

■ 2.2483, 2.4757,
1.9231

179.1805,
190.5359, 192.2710

■ 0.7680, 0.8644,
0.5074

219.3712,

■ 0.0000, 0.0000,

233.1119, 236.4144

0.0000

265.1626,
281.6001, 286.8447

■ 35.1948, 37.7125,
35.9961

■ 35.1948, 37.7125,
35.9961

■ 33.9062, 37.1982,
29.2108

■ 36.6768, 38.3066,
43.7901

■ 32.8000, 36.7556,
23.3908

■ 38.3563, 38.9786,
52.6292

■ 31.8689, 36.3830,
18.4930

■ 40.2414, 39.7327,
62.5508

■ 31.1039, 36.0769,
14.4700

■ 42.3387, 40.5717,
73.5899

■ 30.4953, 35.8334,
11.2703

■ 44.6545, 41.4982,
85.7797

■ 30.0323, 35.6480,
8.8372

■ 47.1950, 42.5145,
99.1522

■ 29.7026, 35.5161,
7.1065

■ 47.4200, 42.6046,
100.3319

■ 29.4922, 35.4318,
6.0037

■ 47.4210, 42.6051,
100.3320

■ 29.3792, 35.3865,
5.4138

■ 47.4220, 42.6056,
100.3320

Harmonies

Analogous

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



36.2032, 37.7125, 35.7882



35.1948, 37.7125, 35.9961



34.3753, 37.7125, 37.5239

Triad

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



35.1948, 37.7125, 35.9961



34.5867, 37.7125, 45.4787



37.8060, 37.7125, 42.0947

Complementary

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



35.1948, 37.7125, 35.9961



31.7664, 32.7354, 40.7227

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.



37.3551, 37.7125, 44.8168



35.1948, 37.7125, 35.9961



35.4883, 37.7125, 46.8311

Square

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



35.1948, 37.7125, 35.9961



34.0289, 37.7125, 42.9634



36.5023, 37.7125, 46.5833



37.7237, 37.7125, 39.2185

Rectangle

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



35.1948, 37.7125, 35.9961



34.0404, 37.7125, 39.1274



36.5023, 37.7125, 46.5833



37.7114, 37.7125, 43.0603

Sweetspot

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



35.1958, 37.7141, 35.9969



65.2252, 68.9846, 72.4398



33.1154, 33.5522, 35.3032



14.6031, 15.4402, 16.2469



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.



35.1958, 37.7141, 35.9969



63.3937, 68.2518, 62.8018



33.9675, 37.0809, 35.9394



8.1467, 8.7737, 8.0534



22.7612, 27.4311, 4.0951



0.5538, 0.6674, 0.0996

Inverse Universe

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



31.7664, 32.7354, 40.7227



55.6042, 56.9433, 73.5358



32.9369, 33.3388, 40.7775



7.1320, 7.3007, 9.4516



5.3379, 2.1352, 28.1063



0.1299, 0.0520, 0.6838

Previews

White Background



This preview shows how the XYZ color 35.1948, 37.7125, 35.9961 looks on a white background.

Color Contrast Check

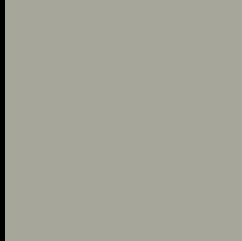
Large Text (above 18pt) WCAG AA × Fail

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 35.1948, 37.7125, 35.9961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

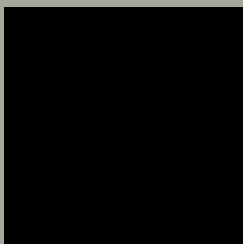
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

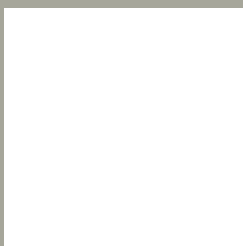
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1948, 37.7125, 35.9961

Background



This preview shows how black text looks on a background with the XYZ color 35.1948, 37.7125, 35.9961.



This preview shows how white text looks on a background with the XYZ color 35.1948, 37.7125,

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

35.1948, 37.7125, 35.9961

Protanopia

35.9995, 37.8681, 35.5489

Deuteranopia

38.3221, 37.4771, 36.2244



Tritanopia

37.2959, 37.7640, 46.3978

Trichromacy



Original Color

35.1948, 37.7125, 35.9961

Protanomaly

35.5671, 37.6452, 35.5287

Deuteranomaly

37.1968, 37.6722, 36.3213

Tritanomaly

36.4918, 37.7029, 42.3999

Monochromacy



Original Color

35.1948, 37.7125, 35.9961

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4052, 37.4828, 39.0871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1948, 37.7125, 35.9961 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(166, 166, 154) looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 154)  
}
```

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(166, 166, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 154) }
```

Border

The CSS property to change the border of an element to XYZ 35.1948, 37.7125, 35.9961 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(166, 166, 154) }
```


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

```
.border{ border-color:rgb(166, 166, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 166, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 154);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1948, 37.7125, 35.9961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 154) }
```

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

```
.background{ background-color: rgb(166,  
166, 154) }
```

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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