

Converting Colors

XYZ(34.8482, 37.3535, 35.6365)

Have a look what the booklet for
XYZ(34.8482, 37.3535, 35.6365)
contains.

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Color

**XYZ(34.7220, 37.2095,
35.4891)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A599
RGB	165, 165, 153
RGB Percent	65%, 65%, 60%
CMY	0.3529, 0.3529, 0.4000
CMYK	0.00, 0.00, 0.07, 0.35
HSL	60°, 6%, 62%
HSV	60°, 7%, 65%
XYZ	34.7220, 37.2095, 35.4891
YIQ	163.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

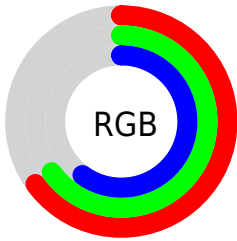
Format	Color
RYB	153, 165, 153
Decimal	10855833
CIELab	67.43, -2.20, 6.21
CIELCh	67, 6.590, 109.484
Yxy	37.2095, 0.3232, 0.3464
Android (android.graphics.Color)	4289045913 (0xFFA5A599)
YUV	163.6320, -5.2416, 1.1997
Hunter-Lab	60.9996, -5.1441, 8.2052

Details

The XYZ color **34.7220, 37.2095, 35.4891** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3210, 32.2723, 40.1776**, and the grayscale version is **35.1355, 36.9652, 40.2551**.

A 20% lighter version of the original color is **66.3709, 70.9070, 69.2198**, and **15.1135, 16.2803, 14.9162** is the 20% darker color. If you saturate the color by 10%, you get **33.4520, 36.7026, 28.8008**, and if you desaturate by 10%, it is **36.1826, 37.7950, 43.1717**.

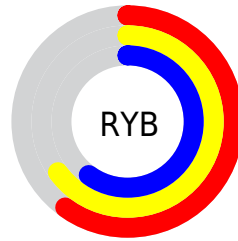
Distribution



Red (65%)

Green (65%)

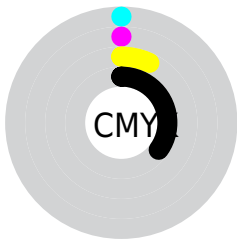
Blue (60%)



Red (60%)

Yellow (65%)

Blue (60%)

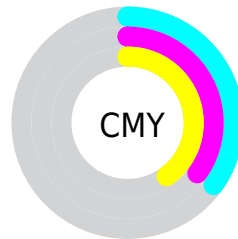


Cyan (0%)

Magenta (0%)

Yellow (7%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7220, 37.2095, 35.4891 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 34.7220, 37.2095, 35.4891 by changing the saturation by 10% instead.

■ 34.7220, 37.2095,
35.4891

■ 34.7220, 37.2095,
35.4891

314.8691,
334.2167, 341.6916

■ 23.6143, 25.3697,
23.7533

■ 66.3917, 70.8949,
69.4029

■ 15.1710, 16.3527,
14.9402

■ 87.6845, 93.5093,
92.4180

■ 9.0265, 9.7741,
8.6313

113.1030,
120.4840, 120.0300

■ 4.8158, 5.2494,
4.4080

143.0126,
152.2035, 152.6574

■ 2.1732, 2.3943,
1.8517

177.7787,
189.0521, 190.7187

■ 0.7286, 0.8230,
0.4617

217.7665,

■ 0.0000, 0.0000,

231.4142, 234.6324

0.0000

263.3416,
279.6743, 284.8172

■ 34.7220, 37.2095,
35.4891

■ 34.7220, 37.2095,
35.4891

■ 33.4520, 36.7026,
28.8008

■ 36.1826, 37.7950,
43.1717

■ 32.3617, 36.2664,
23.0639

■ 37.8379, 38.4573,
51.8842

■ 31.4441, 35.8993,
18.2359

■ 39.6959, 39.2005,
61.6638

■ 30.6902, 35.5976,
14.2702

■ 41.7629, 40.0275,
72.5447

■ 30.0904, 35.3576,
11.1161

■ 44.0454, 40.9405,
84.5599

■ 29.6341, 35.1750,
8.7175

■ 46.5493, 41.9422,
97.7407

■ 29.3093, 35.0450,
7.0112

■ 47.0288, 42.1341,
100.2617

■ 29.1020, 34.9620,
5.9239

■ 47.0296, 42.1345,
100.2618

■ 28.9905, 34.9173,
5.3409

■ 47.0304, 42.1349,
100.2618

Harmonies

Analogous

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



35.7225, 37.2095, 35.2832



34.7220, 37.2095, 35.4891



33.9090, 37.2095, 37.0041

Triad

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



34.7220, 37.2095, 35.4891



34.1184, 37.2095, 44.8969



37.3127, 37.2095, 41.5396

Complementary

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



34.7220, 37.2095, 35.4891



31.3210, 32.2723, 40.1776

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.



36.8652, 37.2095, 44.2409



34.7220, 37.2095, 35.4891



35.0129, 37.2095, 46.2396

Square

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



34.7220, 37.2095, 35.4891



33.5651, 37.2095, 42.4005



36.0190, 37.2095, 45.9939



37.2312, 37.2095, 38.6859

Rectangle

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



34.7220, 37.2095, 35.4891



33.5767, 37.2095, 38.5946



36.0190, 37.2095, 45.9939



37.2188, 37.2095, 42.4977

Sweetspot

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



34.7230, 37.2111, 35.4899



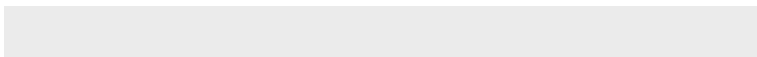
63.5093, 67.1695, 70.5356



32.6592, 33.0826, 34.8018



13.8911, 14.6873, 15.4561



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.



34.7230, 37.2111, 35.4899



61.7274, 66.4566, 61.1576



33.5043, 36.5829, 35.4329



7.6493, 8.2372, 7.5669



21.9117, 26.4064, 3.9421



0.4605, 0.5549, 0.0828

Inverse Universe

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



31.3210, 32.2723, 40.1776



54.1475, 55.4529, 71.6019



32.4819, 32.8708, 40.2319



6.7006, 6.8600, 8.8740



5.1383, 2.0554, 27.0557



0.1080, 0.0432, 0.5685

Previews

White Background



This preview shows how the XYZ color 34.7220, 37.2095, 35.4891 looks on a white background.

Color Contrast Check

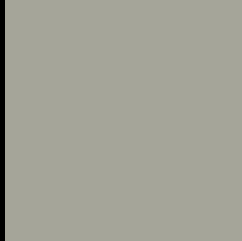
Large Text (above 18pt) WCAG AA × Fail

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 34.7220, 37.2095, 35.4891 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

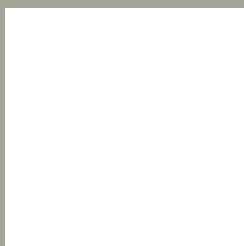
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.7220, 37.2095, 35.4891

Background



This preview shows how black text looks on a background with the XYZ color 34.7220, 37.2095, 35.4891.



This preview shows how white text looks on a background with the XYZ color 34.7220, 37.2095,

35.4891.

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

34.7220, 37.2095, 35.4891

Protanopia

35.5205, 37.3640, 35.0456

Deuteranopia

37.8268, 36.9772, 35.7155



Tritanopia

36.8066, 37.2606, 45.8095

Trichromacy



Original Color

34.7220, 37.2095, 35.4891

Protanomaly

35.0914, 37.1427, 35.0255

Deuteranomaly

36.7091, 37.1699, 35.8116

Tritanomaly

36.0086, 37.1999, 41.8417

Monochromacy



Original Color

34.7220, 37.2095, 35.4891

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.9305, 36.9815, 38.5548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7220, 37.2095, 35.4891 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(165, 165, 153)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 153)  
}
```

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(165, 165, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 153) }
```

Border

The CSS property to change the border of an element to XYZ 34.7220, 37.2095, 35.4891 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(165, 165, 153) }
```


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

```
.border{ border-color:rgb(165, 165, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 153);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7220, 37.2095, 35.4891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 153) }
```

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

```
.background{ background-color: rgb(165,  
165, 153) }
```

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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