

Converting Colors

XYZ(35.2472, 37.1546, 37.3744)

Have a look what the booklet for
XYZ(35.2472, 37.1546, 37.3744)
contains.

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Color

**XYZ(35.2976, 37.2007,
37.2184)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A49D
RGB	167, 164, 157
RGB Percent	65%, 64%, 62%
CMY	0.3451, 0.3568, 0.3843
CMYK	0.00, 0.02, 0.06, 0.35
HSL	42°, 5%, 64%
HSV	42°, 6%, 65%
XYZ	35.2976, 37.2007, 37.2184
YIQ	164.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

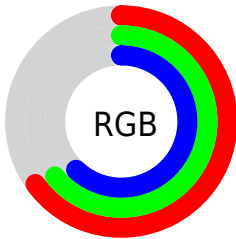
Format	Color
RYB	161, 167, 157
Decimal	10986653
CIELab	67.43, -0.21, 4.00
CIElCh	67, 4.006, 92.939
Yxy	37.2007, 0.3217, 0.3391
Android (android.graphics.Color)	4289176733 (0xFFA7A49D)
YUV	164.0990, -3.4998, 2.5442
Hunter-Lab	60.9924, -3.4349, 6.5151

Details

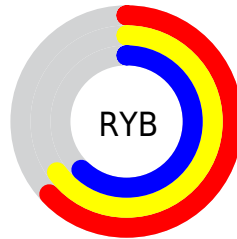
The XYZ color **35.2976, 37.2007, 37.2184** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.4505, 35.0993, 41.5714**, and the grayscale version is **35.3493, 37.1903, 40.5002**.

A 20% lighter version of the original color is **67.3394, 70.9461, 72.4322**, and **15.4659, 16.2738, 15.9617** is the 20% darker color. If you saturate the color by 10%, you get **33.0904, 34.9139, 29.9226**, and if you desaturate by 10%, it is **37.7371, 39.6392, 45.5541**.

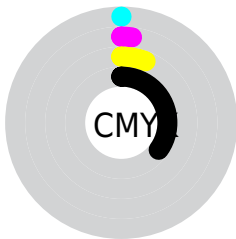
Distribution



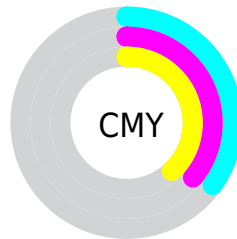
- Red (65%)
- Green (64%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (6%)
- Black (35%)



- Cyan (35%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2976, 37.2007, 37.2184 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 35.2976, 37.2007, 37.2184 by changing the saturation by 10% instead.

■ 35.2976, 37.2007,
37.2184

■ 35.2976, 37.2007,
37.2184

317.3650,
334.1786, 349.4522

■ 24.0598, 25.3629,
25.0795

■ 67.2775, 70.8814,
72.0986

■ 15.5030, 16.3477,
15.9168

■ 88.7504, 93.4930,
95.6771

■ 9.2617, 9.7705,
9.3115

114.3656,
120.4648, 123.9058

■ 4.9708, 5.2471,
4.8454

144.4886,
152.1810, 157.2033

■ 2.2647, 2.3929,
2.0997

179.4846,
189.0261, 195.9882

■ 0.7765, 0.8223,
0.6156

219.7192,

■ 0.0000, 0.0000,

231.3845, 240.6789

0.0000

265.5575,
279.6405, 291.6941

■ 35.2976, 37.2007,
37.2184

■ 35.2976, 37.2007,
37.2184

■ 33.0904, 34.9139,
29.9226

■ 37.7371, 39.6392,
45.5541

■ 31.1041, 32.7700,
23.6227

■ 40.4135, 42.2284,
54.9665

■ 29.3309, 30.7665,
18.2753

■ 43.3353, 44.9733,
65.4933

■ 27.7614, 28.8989,
13.8326

■ 46.5096, 47.8775,
77.1700

■ 26.3854, 27.1625,
10.2430

■ 49.9432, 50.9443,
90.0304

■ 25.1916, 25.5521,
7.4492

■ 53.2858, 54.0342,
102.2289

■ 24.1675, 24.0619,
5.3871

■ 54.4189, 56.3003,
102.6066

■ 23.2984, 22.6854,
3.9826

■ 55.5898, 58.6421,
102.9969

■ 22.5652, 21.4143,
3.1365

■ 56.7989, 61.0604,
103.4000

Harmonies

Analogous

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



35.8985, 37.2007, 37.5655



35.2976, 37.2007, 37.2184



34.7195, 37.2007, 37.7307

Triad

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



35.2976, 37.2007, 37.2184



34.3756, 37.2007, 42.3735



36.4210, 37.2007, 42.0646

Complementary

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



35.2976, 37.2007, 37.2184



33.4505, 35.0993, 41.5714

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.



36.0046, 37.2007, 43.4125



35.2976, 37.2007, 37.2184



34.8232, 37.2007, 43.5945

Square

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



35.2976, 37.2007, 37.2184



34.1910, 37.2007, 40.6790



35.4188, 37.2007, 43.9801



36.5515, 37.2007, 40.3320

Rectangle

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



35.2976, 37.2007, 37.2184



34.4235, 37.2007, 38.4996



35.4188, 37.2007, 43.9801



36.3096, 37.2007, 42.5794

Sweetspot

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



35.2986, 37.2023, 37.2192



64.8925, 68.3187, 72.3288



34.3390, 34.8681, 38.1786



14.5328, 15.2995, 16.2235



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.



35.2986, 37.2023, 37.2192



62.7459, 66.1462, 65.0756



35.4220, 38.0716, 37.3805



8.0513, 8.4881, 8.3128



17.1023, 16.1018, 2.2066



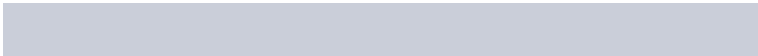
0.4576, 0.4748, 0.0675

Inverse Universe

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



33.4505, 35.0993, 41.5714



58.8362, 61.6971, 74.2830



33.3306, 34.2755, 41.4188



7.5280, 7.8927, 9.5450



6.2502, 3.9606, 28.4105



0.1962, 0.1847, 0.7059

Previews

White Background



This preview shows how the XYZ color 35.2976, 37.2007, 37.2184 looks on a white background.

Color Contrast Check

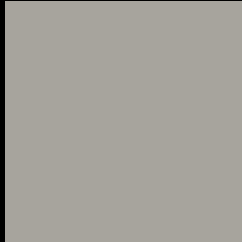
Large Text (above 18pt) WCAG AA × Fail

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 35.2976, 37.2007, 37.2184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

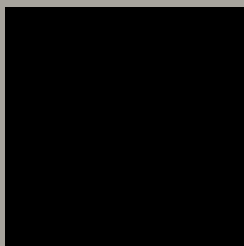
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

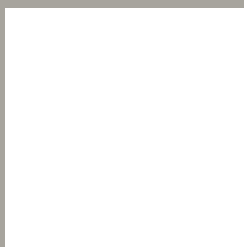
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2976, 37.2007, 37.2184

Background



This preview shows how black text looks on a background with the XYZ color 35.2976, 37.2007, 37.2184.

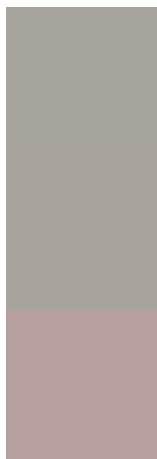


This preview shows how white text looks on a background with the XYZ color 35.2976, 37.2007,

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

35.2976, 37.2007, 37.2184

Protanopia

35.5452, 37.0637, 37.1789

Deuteranopia

37.8611, 37.2100, 37.5345



Tritanopia

36.9624, 37.0918, 45.2557

Trichromacy



Original Color

35.2976, 37.2007, 37.2184

Protanomaly

35.3314, 36.9535, 37.1689

Deuteranomaly

37.0479, 37.3055, 37.5958

Tritanomaly

36.3504, 37.1028, 42.2915

Monochromacy



Original Color

35.2976, 37.2007, 37.2184

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.2255, 37.1235, 39.0272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2976, 37.2007, 37.2184 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(167, 164, 157) looks like.

```
.text, #text, p{  
    color:rgb(167, 164, 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(167, 164, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 164, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.2976, 37.2007, 37.2184 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(167, 164, 157) }
```


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

```
.border{ border-color:rgb(167, 164, 157) }
```

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

Here you see how a box with a 4 pixel rgb(167, 164, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 164, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 164, 157);  
box-shadow:4px 4px 4px 4px rgb(167, 164,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2976, 37.2007, 37.2184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 164, 157) }
```

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

```
.background{ background-color: rgb(167,  
164, 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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