

Converting Colors

XYZ(35.5333, 37.9014, 37.2264)

Have a look what the booklet for
XYZ(35.5333, 37.9014, 37.2264)
contains.

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Color

**XYZ(35.4479, 37.8137,
37.3288)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A69D
RGB	166, 166, 157
RGB Percent	65%, 65%, 62%
CMY	0.3490, 0.3490, 0.3843
CMYK	0.00, 0.00, 0.05, 0.35
HSL	60°, 5%, 63%
HSV	60°, 5%, 65%
XYZ	35.4479, 37.8137, 37.3288
YIQ	164.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

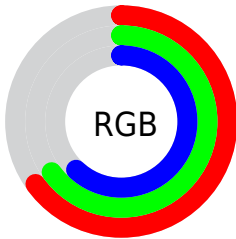
Format	Color
RYB	157, 166, 157
Decimal	10921629
CIELab	67.88, -1.66, 4.65
CIElCh	68, 4.936, 109.656
Yxy	37.8137, 0.3205, 0.3419
Android (android.graphics.Color)	4289111709 (0xFFA6A69D)
YUV	164.9740, -3.9312, 0.8998
Hunter-Lab	61.4928, -4.7151, 7.0534

Details

The XYZ color **35.4479, 37.8137, 37.3288** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8460, 34.0362, 40.9168**, and the grayscale version is **35.7698, 37.6327, 40.9820**.

A 20% lighter version of the original color is **67.5589, 71.8385, 72.5928**, and **15.5583, 16.6526, 16.0299** is the 20% darker color. If you saturate the color by 10%, you get **34.1251, 37.2857, 30.3645**, and if you desaturate by 10%, it is **36.9654, 38.4220, 45.3090**.

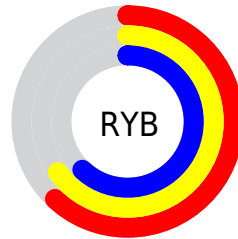
Distribution



Red (65%)

Green (65%)

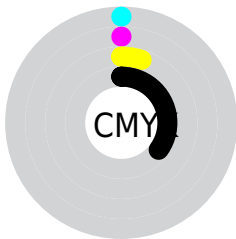
Blue (62%)



Red (62%)

Yellow (65%)

Blue (62%)

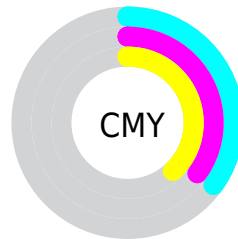


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (35%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4479, 37.8137, 37.3288 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 35.4479, 37.8137, 37.3288 by changing the saturation by 10% instead.

■ 35.4479, 37.8137,
37.3288

■ 35.4479, 37.8137,
37.3288

318.0144,
336.8201, 349.9433

■ 24.1762, 25.8381,
25.1644

■ 67.5085, 71.8225,
72.2702

■ 15.5898, 16.7026,
15.9794

■ 89.0282, 94.6245,
95.8842

■ 9.3234, 10.0227,
9.3554

114.6945,
121.8041, 124.1518

■ 5.0115, 5.4140,
4.8738

144.8730,
153.7458, 157.4917

■ 2.2888, 2.4922,
2.1159

179.9288,
190.8338, 196.3222

■ 0.7889, 0.8727,
0.6252

220.2274,

■ 0.0000, 0.0000,

233.4526, 241.0619

0.0000

266.1342,
281.9866, 292.1295

■ 35.4479, 37.8137,
37.3288

■ 35.4479, 37.8137,
37.3288

■ 34.1251, 37.2857,
30.3645

■ 36.9654, 38.4220,
45.3090

■ 32.9862, 36.8300,
24.3731

■ 38.6817, 39.1087,
54.3411

■ 32.0240, 36.4450,
19.3119

■ 40.6048, 39.8781,
64.4621

■ 31.2295, 36.1271,
15.1345

■ 42.7413, 40.7328,
75.7067

■ 30.5933, 35.8724,
11.7901

■ 45.0974, 41.6754,
88.1079

■ 30.1047, 35.6768,
9.2229

■ 47.4199, 42.6045,
100.3319

■ 29.7517, 35.5355,
7.3704

■ 47.4211, 42.6051,
100.3320

■ 29.5208, 35.4430,
6.1603

■ 47.4222, 42.6057,
100.3320

■ 29.3943, 35.3923,
5.5003

■ 47.4234, 42.6063,
100.3321

Harmonies

Analogous

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



36.2057, 37.8137, 37.1631



35.4479, 37.8137, 37.3288



34.8305, 37.8137, 38.5034

Triad

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



35.4479, 37.8137, 37.3288



34.9962, 37.8137, 44.4702



37.4084, 37.8137, 41.9343

Complementary

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



35.4479, 37.8137, 37.3288



32.8460, 34.0362, 40.9168

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.



37.0744, 37.8137, 43.9626



35.4479, 37.8137, 37.3288



35.6771, 37.8137, 45.4608

Square

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



35.4479, 37.8137, 37.3288



34.5723, 37.8137, 42.6071



36.4382, 37.8137, 45.2718



37.3449, 37.8137, 39.7708

Rectangle

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



35.4479, 37.8137, 37.3288



34.5782, 37.8137, 39.7244



36.4382, 37.8137, 45.2718



37.3387, 37.8137, 42.6558

Sweetspot

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



35.4489, 37.8153, 37.3296



65.2251, 68.9846, 72.4398



33.8698, 34.6562, 36.8031



14.6030, 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.



35.4489, 37.8153, 37.3296



63.8987, 68.4539, 65.4603



34.5223, 37.3376, 37.2863



8.2057, 8.7973, 8.3644



22.7601, 27.4305, 4.0950



0.5538, 0.6674, 0.0996

Inverse Universe

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



32.8460, 34.0362, 40.9168



57.7577, 59.5382, 73.9231



33.7399, 34.4971, 40.9586



7.3839, 7.6042, 9.4969



5.3380, 2.1353, 28.1063



0.1299, 0.0520, 0.6838

Previews

White Background



This preview shows how the XYZ color 35.4479, 37.8137, 37.3288 looks on a white background.

Color Contrast Check

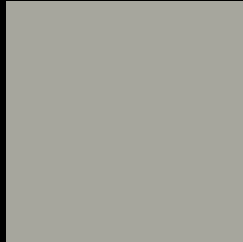
Large Text (above 18pt) WCAG AA × Fail

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 35.4479, 37.8137, 37.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

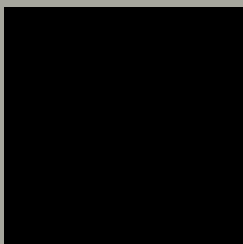
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

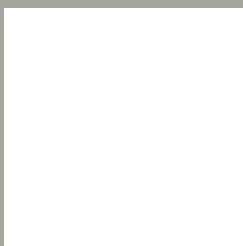
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.4479, 37.8137, 37.3288

Background



This preview shows how black text looks on a background with the XYZ color 35.4479, 37.8137, 37.3288.



This preview shows how white text looks on a background with the XYZ color 35.4479, 37.8137,

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

35.4479, 37.8137, 37.3288

Protanopia

36.0334, 37.8566, 36.8604

Deuteranopia

38.5095, 37.8006, 37.6143



Tritanopia

37.2959, 37.7640, 46.3978

Trichromacy



Original Color

35.4479, 37.8137, 37.3288

Protanomaly

35.8181, 37.7456, 36.8503

Deuteranomaly

37.2233, 37.6564, 37.6543

Tritanomaly

36.5853, 37.7403, 42.8925

Monochromacy



Original Color

35.4479, 37.8137, 37.3288

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4938, 37.5182, 39.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4479, 37.8137, 37.3288 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 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(166, 166, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 157) }
```

Border

The CSS property to change the border of an element to XYZ 35.4479, 37.8137, 37.3288 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, 157) }
```


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

```
.border{ border-color:rgb(166, 166, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 157);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4479, 37.8137, 37.3288 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, 157) }
```

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

```
.background{ background-color: rgb(166,  
166, 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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