

Converting Colors

XYZ(35.5618, 37.4470, 42.8893)

Have a look what the booklet for
XYZ(35.5618, 37.4470, 42.8893)
contains.

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Color

**XYZ(35.5169, 37.4562,
42.8940)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A5A9
RGB	162, 165, 169
RGB Percent	64%, 65%, 66%
CMY	0.3647, 0.3529, 0.3372
CMYK	0.04, 0.02, 0.00, 0.34
HSL	214°, 4%, 65%
HSV	214°, 4%, 66%
XYZ	35.5169, 37.4562, 42.8940
YIQ	164.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

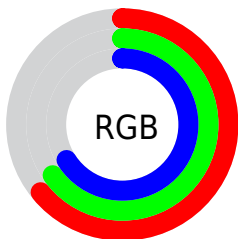
Format	Color
R _Y B	162, 164, 169
Decimal	10659241
CIE Lab	67.62, -0.28, -2.45
CIE LCh	68, 2.462, 263.375
Yxy	37.4562, 0.3065, 0.3233
Android (android.graphics.Color)	4288849321 (0xFFA2A5A9)
YUV	164.5590, 2.1894, -2.2442
Hunter-Lab	61.2015, -3.5141, 1.2867

Details

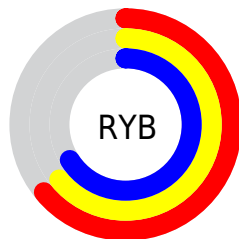
The XYZ color **35.5169, 37.4562, 42.8940** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5202, 38.3159, 39.6540**, and the grayscale version is **35.5449, 37.3960, 40.7243**.

A 20% lighter version of the original color is **67.6630, 71.3199, 80.7209**, and **15.5464, 16.4096, 19.1776** is the 20% darker color. If you saturate the color by 10%, you get **30.6365, 32.4537, 42.1862**, and if you desaturate by 10%, it is **40.9922, 42.9626, 43.6688**.

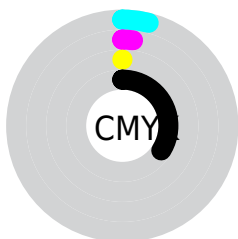
Distribution



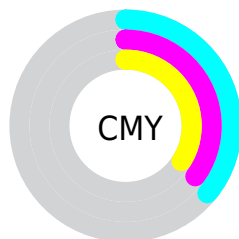
- Red (64%)
- Green (65%)
- Blue (66%)



- Red (64%)
- Yellow (64%)
- Blue (66%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (34%)



- Cyan (36%)
- Magenta (35%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5169, 37.4562, 42.8940 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 35.5169, 37.4562, 42.8940 by changing the saturation by 10% instead.

■ 35.5169, 37.4562,
42.8940

■ 35.5169, 37.4562,
42.8940

318.3122,
335.2814, 374.0841

■ 24.2297, 25.5609,
29.4712

■ 67.6145, 71.2739,
80.8355

■ 15.6298, 16.4954,
19.1889

■ 89.1556, 93.9650,
106.1913

■ 9.3517, 9.8754,
11.6287

114.8455,
121.0236, 136.3618

■ 5.0302, 5.3164,
6.3719

145.0493,
152.8340, 171.7655

■ 2.3000, 2.4341,
3.0001

180.1326,
189.7805, 212.8211

■ 0.7946, 0.8433,
1.0947

220.4606,

■ 0.0000, 0.0000,

232.2477, 259.9470

0.0000

266.3987,
280.6199, 313.5618

■ 35.5169, 37.4562,
42.8940

■ 35.5169, 37.4562,
42.8940

■ 30.6365, 32.4537,
42.1862

■ 40.9922, 42.9626,
43.6688

■ 26.3267, 27.9350,
41.5412

■ 47.0793, 48.9825,
44.5100

■ 22.5661, 23.8858,
40.9578

■ 53.7983, 55.5313,
45.4199

■ 19.3307, 20.2891,
40.4341

■ 61.1674, 62.6224,
46.4002

■ 16.5944, 17.1268,
39.9679

■ 69.2041, 70.2686,
47.4525

■ 14.3291, 14.3792,
39.5570

■ 74.7660, 76.8536,
48.4304

■ 12.5032, 12.0249,
39.1988

■ 77.4174, 82.1563,
49.3142

■ 11.0809, 10.0401,
38.8907

■ 80.2181, 87.7577,
50.2477

■ 10.0198, 8.3972,
38.6295

■ 83.1705, 93.6625,
51.2319

Harmonies

Analogous

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



35.1676, 37.4562, 42.4832



35.5169, 37.4562, 42.8940



35.8912, 37.4562, 42.7313

Triad

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



35.5169, 37.4562, 42.8940



36.2748, 37.4562, 39.9602



35.0188, 37.4562, 39.5498

Complementary

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



35.5169, 37.4562, 42.8940



36.5202, 38.3159, 39.6540

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.



35.3124, 37.4562, 38.8957



35.5169, 37.4562, 42.8940



36.0380, 37.4562, 39.1297

Square

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



35.5169, 37.4562, 42.8940



36.3305, 37.4562, 41.0249



35.6852, 37.4562, 38.7433



34.8813, 37.4562, 40.5429

Rectangle

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



35.5169, 37.4562, 42.8940



36.1043, 37.4562, 42.3209



35.6852, 37.4562, 38.7433



35.1024, 37.4562, 39.2837

Sweetspot

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



35.5180, 37.4578, 42.8948



66.5566, 70.0659, 77.2413



35.9688, 38.8100, 41.6563



14.5185, 15.2835, 16.8369



80.6108, 84.8088, 92.3568



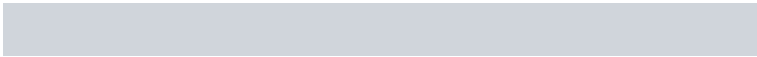
14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5180, 37.4578, 42.8948



62.7362, 66.1964, 76.6957



35.0777, 36.4363, 42.7209



7.8013, 8.2336, 9.5964



7.1391, 5.7384, 28.7068



0.2248, 0.2419, 0.7155

Inverse Universe

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



36.0749, 36.9931, 40.8381



63.9565, 65.1879, 72.1877



36.9724, 39.3687, 39.8334



7.9681, 8.0964, 8.9799



13.1041, 6.6503, 5.3596



0.3446, 0.1721, 0.2663

Previews

White Background



This preview shows how the XYZ color 35.5169, 37.4562, 42.8940 looks on a white background.

Color Contrast Check

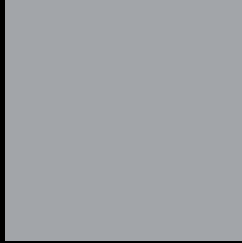
Large Text (above 18pt) WCAG AA × Fail

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 35.5169, 37.4562, 42.8940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

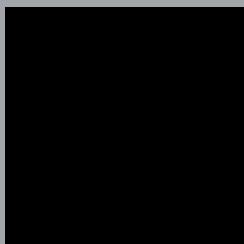
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.5169, 37.4562, 42.8940

Background



This preview shows how black text looks on a background with the XYZ color 35.5169, 37.4562, 42.8940.



This preview shows how white text looks on a background with the XYZ color 35.5169, 37.4562,

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

35.5169, 37.4562, 42.8940

Protanopia

36.0692, 37.4851, 42.3801

Deuteranopia

38.1866, 37.5089, 43.2575



Tritanopia

36.3155, 37.5118, 46.9214

Trichromacy



Original Color

35.5169, 37.4562, 42.8940

Protanomaly

35.8604, 37.3774, 42.3703

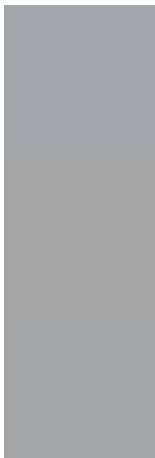
Deuteranomaly

37.1893, 37.5136, 43.3110

Tritanomaly

36.0197, 37.3934, 45.3636

Monochromacy



Original Color

35.5169, 37.4562, 42.8940

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.6479, 37.5560, 41.4466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5169, 37.4562, 42.8940 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(162, 165, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 165, 169)  
}
```

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(162, 165, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 165, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.5169, 37.4562, 42.8940 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(162, 165, 169) }
```


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

```
.border{ border-color:rgb(162, 165, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 165, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 165, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 165, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 165,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5169, 37.4562, 42.8940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 165, 169) }
```

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

```
.background{ background-color: rgb(162,  
165, 169) }
```

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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