

Converting Colors

XYZ(35.2056, 37.3587, 40.7741)

Have a look what the booklet for
XYZ(35.2056, 37.3587, 40.7741)
contains.

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Color

**XYZ(35.1470, 37.3083,
40.9461)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A5A5
RGB	162, 165, 165
RGB Percent	64%, 65%, 65%
CMY	0.3647, 0.3529, 0.3529
CMYK	0.02, 0.00, 0.00, 0.35
HSL	180°, 2%, 64%
HSV	180°, 2%, 65%
XYZ	35.1470, 37.3083, 40.9461
YIQ	164.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

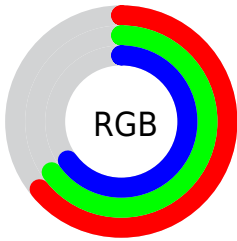
Format	Color
RYB	162, 164, 165
Decimal	10659237
CIELab	67.51, -1.06, -0.38
CIELCh	68, 1.130, 199.728
Yxy	37.3083, 0.3099, 0.3290
Android (android.graphics.Color)	4288849317 (0xFFA2A5A5)
YUV	164.1030, 0.4422, -1.8443
Hunter-Lab	61.0805, -4.1783, 3.0106

Details

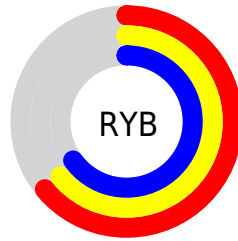
The XYZ color **35.1470, 37.3083, 40.9461** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9604, 36.4497, 39.3772**, and the grayscale version is **35.3351, 37.1753, 40.4839**.

A 20% lighter version of the original color is **67.1267, 71.1054, 77.8969**, and **15.3162, 16.3175, 17.9651** is the 20% darker color. If you saturate the color by 10%, you get **32.0116, 35.6932, 40.7928**, and if you desaturate by 10%, it is **38.7243, 39.1534, 41.1216**.

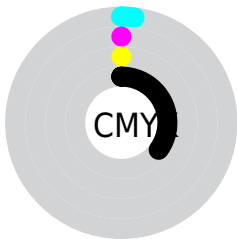
Distribution



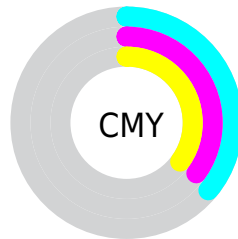
- Red (64%)
- Green (65%)
- Blue (65%)



- Red (64%)
- Yellow (64%)
- Blue (65%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1470, 37.3083, 40.9461 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 35.1470, 37.3083, 40.9461 by changing the saturation by 10% instead.

■ 35.1470, 37.3083,
40.9461

■ 35.1470, 37.3083,
40.9461

316.7134,
334.6434, 365.7653

■ 23.9432, 25.4463,
27.9576

■ 67.0460, 71.0467,
77.8548

■ 15.4160, 16.4099,
18.0549

■ 88.4718, 93.6919,
102.6122

■ 9.2001, 9.8146,
10.8196

114.0357,
120.7002, 132.1295

■ 4.9301, 5.2762,
5.8330

144.1030,
152.4561, 166.8254

■ 2.2406, 2.4102,
2.6767

179.0391,
189.3440, 207.1183

■ 0.7640, 0.8311,
0.9316

219.2092,

■ 0.0000, 0.0000,

231.7482, 253.4270

0.0000

264.9789,
280.0532, 306.1698

■ 35.1470, 37.3083,
40.9461

■ 35.1470, 37.3083,
40.9461

■ 32.0116, 35.6932,
40.7928

■ 38.7243, 39.1534,
41.1216

■ 29.2980, 34.2944,
40.6584

■ 42.7565, 41.2319,
41.3177

■ 26.9892, 33.1043,
40.5430

■ 47.2599, 43.5533,
41.5358

■ 25.0657, 32.1129,
40.4456

■ 52.2490, 46.1251,
41.7767

■ 23.5066, 31.3093,
40.3653

■ 57.7377, 48.9545,
42.0409

■ 22.2889, 30.6817,
40.3010

■ 61.4960, 50.8918,
42.2241

■ 21.3869, 30.2169,
40.2514

■ 61.4974, 50.8923,
42.2316

■ 20.7716, 29.8999,
40.2153

■ 61.4988, 50.8929,
42.2390

■ 20.4082, 29.7127,
40.1909

■ 61.5002, 50.8935,
42.2464

Harmonies

Analogous

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



35.1328, 37.3083, 40.4521



35.1470, 37.3083, 40.9461



35.2450, 37.3083, 41.3565

Triad

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



35.1470, 37.3083, 40.9461



35.7158, 37.3083, 41.2438



35.5200, 37.3083, 39.6886

Complementary

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



35.1470, 37.3083, 40.9461



34.9604, 36.4497, 39.3772

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.



35.6767, 37.3083, 39.8970



35.1470, 37.3083, 40.9461



35.7900, 37.3083, 40.7932

Square

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



35.1470, 37.3083, 40.9461



35.5733, 37.3083, 41.5293



35.7757, 37.3083, 40.3004



35.3478, 37.3083, 39.7288

Rectangle

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



35.1470, 37.3083, 40.9461



35.3448, 37.3083, 41.5262



35.7757, 37.3083, 40.3004



35.5762, 37.3083, 39.7318

Sweetspot

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



35.1481, 37.3099, 40.9469



63.4282, 67.0653, 73.3528



34.8883, 37.2072, 39.5259



13.8745, 14.6658, 16.0368



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.



35.1481, 37.3099, 40.9469



62.8143, 66.7488, 73.3228



34.8880, 36.7894, 40.8615



7.8005, 8.2816, 9.0901



15.3063, 22.4089, 30.3931



0.3217, 0.4709, 0.6391

Inverse Universe

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



34.9604, 36.4497, 39.3772



62.4387, 65.0271, 70.1812



35.2173, 36.9639, 39.4616



7.7581, 8.0873, 8.7356



11.7396, 6.0519, 0.5533



0.2468, 0.1272, 0.0120

Previews

White Background



This preview shows how the XYZ color 35.1470, 37.3083, 40.9461 looks on a white background.

Color Contrast Check

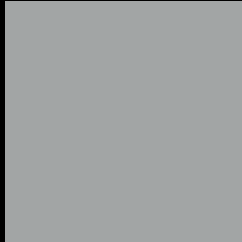
Large Text (above 18pt) WCAG AA × Fail

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 35.1470, 37.3083, 40.9461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

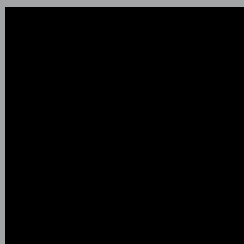
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

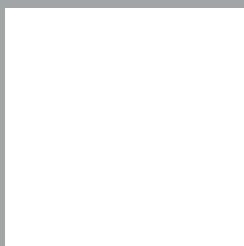
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.1470, 37.3083, 40.9461

Background



This preview shows how black text looks on a background with the XYZ color 35.1470, 37.3083, 40.9461.



This preview shows how white text looks on a background with the XYZ color 35.1470, 37.3083,

40.9461.

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

35.1470, 37.3083, 40.9461

Protanopia

35.7344, 37.0902, 40.3977

Deuteranopia

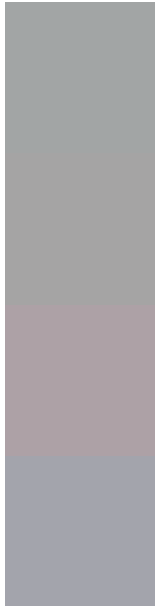
37.8715, 37.1332, 41.2478



Tritanopia

36.2435, 37.2215, 46.3485

Trichromacy



Original Color

35.1470, 37.3083, 40.9461

Protanomaly

35.4933, 37.2306, 40.4375

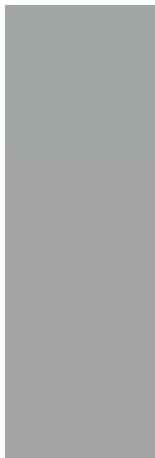
Deuteranomaly

36.8614, 37.1271, 41.2998

Tritanomaly

35.8261, 37.3160, 44.3442

Monochromacy



Original Color

35.1470, 37.3083, 40.9461

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0806, 37.0178, 40.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1470, 37.3083, 40.9461 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, 165)` looks like.

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

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, 165) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 35.1470, 37.3083, 40.9461 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, 165) }
```


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

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

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, 165)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 35.1470, 37.3083, 40.9461 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, 165) }
```

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

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

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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