

Converting Colors

XYZ(35.9059, 38.4628, 40.1322)

Have a look what the booklet for
XYZ(35.9059, 38.4628, 40.1322)
contains.

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Color

**XYZ(35.9233, 38.5421,
40.1963)**

Conversions

Conversions Part 1

Format	Color
Hex	A4A8A3
RGB	164, 168, 163
RGB Percent	64%, 66%, 64%
CMY	0.3569, 0.3412, 0.3608
CMYK	0.02, 0.00, 0.03, 0.34
HSL	108°, 3%, 65%
HSV	108°, 3%, 66%
XYZ	35.9233, 38.5421, 40.1963
YIQ	166.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

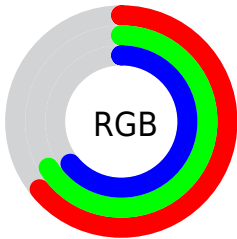
Format	Color
RYB	163, 168, 167
Decimal	10791075
CIELab	68.42, -2.37, 2.08
CIELCh	68, 3.147, 138.741
Yxy	38.5421, 0.3133, 0.3361
Android (android.graphics.Color)	4288981155 (0xFFA4A8A3)
YUV	166.2340, -1.5944, -1.9592
Hunter-Lab	62.0823, -5.3567, 5.0692

Details

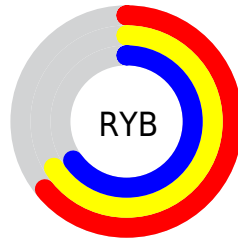
The XYZ color **35.9233, 38.5421, 40.1963** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1029, 37.2380, 42.3326**, and the grayscale version is **36.3673, 38.2612, 41.6665**.

A 20% lighter version of the original color is **68.2560, 72.8974, 76.8028**, and **15.7967, 17.0832, 17.5037** is the 20% darker color. If you saturate the color by 10%, you get **31.8880, 36.6254, 32.6648**, and if you desaturate by 10%, it is **40.4541, 40.6933, 48.7965**.

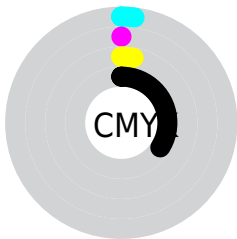
Distribution



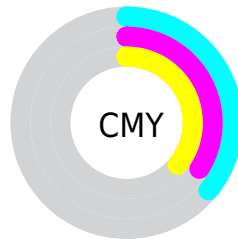
- Red (64%)
- Green (66%)
- Blue (64%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.9233, 38.5421, 40.1963 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 35.9233, 38.5421, 40.1963 by changing the saturation by 10% instead.

■ 35.9233, 38.5421,
40.1963

■ 35.9233, 38.5421,
40.1963

320.0623,
339.9398, 362.5269

■ 24.5448, 26.4037,
27.3767

■ 68.2383, 72.9383,
76.7027

■ 15.8652, 17.1259,
17.6214

■ 89.9055, 95.9648,
101.2265

■ 9.5190, 10.3243,
10.5119

115.7330,
123.3896, 130.4889

■ 5.1410, 5.6145,
5.6296

146.0862,
155.5969, 164.9083

■ 2.3659, 2.6121,
2.5561

181.3303,
192.9712, 204.9032

■ 0.8280, 0.9328,
0.8697

221.8308,

■ 0.0000, 0.0000,

235.8968, 250.8923

0.0000

267.9530,
284.7582, 303.2940

■ 35.9233, 38.5421,
40.1963

■ 35.9233, 38.5421,
40.1963

■ 31.8880, 36.6254,
32.6648

■ 40.4541, 40.6933,
48.7965

■ 28.3279, 34.9305,
26.1579

■ 45.4932, 43.0814,
58.5023

■ 25.2264, 33.4507,
20.6320

■ 51.0570, 45.7153,
69.3518

■ 22.5645, 32.1773,
16.0396

■ 57.1602, 48.6017,
81.3807

■ 20.3217, 31.1009,
12.3290

■ 63.8169, 51.7471,
94.6229

■ 18.4760, 30.2114,
9.4437

■ 69.5904, 54.5778,
101.4745

■ 17.0034, 29.4977,
7.3205

■ 73.2934, 56.4868,
101.6478

■ 15.8768, 28.9475,
5.8871

■ 15.0654, 28.5467,
5.0574

Harmonies

Analogous

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



36.3286, 38.5421, 39.4407



35.9233, 38.5421, 40.1963



35.7089, 38.5421, 41.4366

Triad

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



35.9233, 38.5421, 40.1963



36.4479, 38.5421, 44.6923



37.5405, 38.5421, 41.0973

Complementary

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



35.9233, 38.5421, 40.1963



36.1029, 37.2380, 42.3326

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.



37.5731, 38.5421, 42.4995



35.9233, 38.5421, 40.1963



36.9393, 38.5421, 44.5965

Square

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



35.9233, 38.5421, 40.1963



36.0099, 38.5421, 44.0453



37.3522, 38.5421, 43.7865



37.2634, 38.5421, 39.9528

Rectangle

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



35.9233, 38.5421, 40.1963



35.7018, 38.5421, 42.3808



37.3522, 38.5421, 43.7865



37.5805, 38.5421, 41.5535

Sweetspot

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



35.9244, 38.5438, 40.1971



66.7258, 70.6705, 75.8426



36.5796, 38.6084, 40.1751



14.5533, 15.4078, 16.5493



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.



35.9244, 38.5438, 40.1971



64.3411, 69.5381, 71.3493



35.8541, 38.4919, 40.9001



8.0026, 8.6821, 8.8323



11.0968, 21.4179, 3.5492



0.3083, 0.5409, 0.0881

Inverse Universe

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



36.1029, 37.2380, 42.3326



64.7810, 66.3203, 76.6119



36.1759, 37.2917, 41.6102



8.0652, 8.2244, 9.5807



12.8552, 6.0105, 28.4581



0.3491, 0.1650, 0.6941

Previews

White Background



This preview shows how the XYZ color 35.9233, 38.5421, 40.1963 looks on a white background.

Color Contrast Check

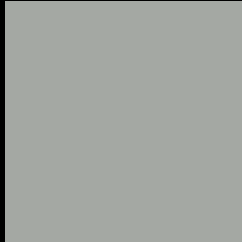
Large Text (above 18pt) WCAG AA × Fail

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 35.9233, 38.5421, 40.1963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

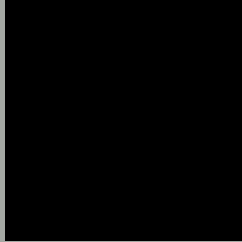
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

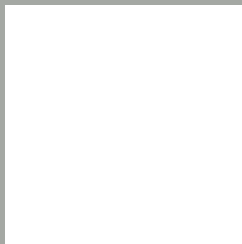
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.9233, 38.5421, 40.1963

Background



This preview shows how black text looks on a background with the XYZ color 35.9233, 38.5421, 40.1963.



This preview shows how white text looks on a background with the XYZ color 35.9233, 38.5421,

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

35.9233, 38.5421, 40.1963

Protanopia

36.9524, 38.5390, 39.6736

Deuteranopia

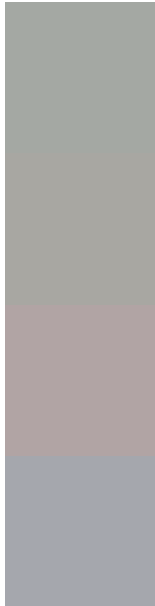
39.2129, 38.3604, 40.4595



Tritanopia

37.4988, 38.6341, 48.1286

Trichromacy



Original Color

35.9233, 38.5421, 40.1963

Protanomaly

36.4888, 38.5709, 39.7042

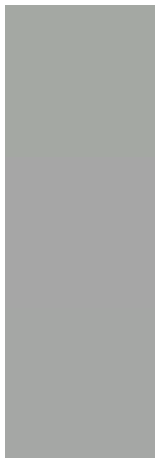
Deuteranomaly

38.1078, 38.5784, 40.5598

Tritanomaly

36.8786, 38.6539, 45.0524

Monochromacy



Original Color

35.9233, 38.5421, 40.1963

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.1273, 38.3534, 41.0961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.9233, 38.5421, 40.1963 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(164, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(164, 168, 163)  
}
```

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(164, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 168, 163) }
```

Border

The CSS property to change the border of an element to XYZ 35.9233, 38.5421, 40.1963 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(164, 168, 163) }
```


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

```
.border{ border-color:rgb(164, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(164, 168,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 35.9233, 38.5421, 40.1963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 168, 163) }
```

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

```
.background{ background-color: rgb(164,  
168, 163) }
```

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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