

Converting Colors

XYZ(35.2560, 35.2775, 42.5774)

Have a look what the booklet for
XYZ(35.2560, 35.2775, 42.5774)
contains.

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Color

**XYZ(35.1548, 35.1940,
42.4764)**

Conversions

Conversions Part 1

Format	Color
Hex	A79DA9
RGB	167, 157, 169
RGB Percent	65%, 62%, 66%
CMY	0.3451, 0.3843, 0.3373
CMYK	0.01, 0.07, 0.00, 0.34
HSL	290°, 7%, 64%
HSV	290°, 7%, 66%
XYZ	35.1548, 35.1940, 42.4764
YIQ	161.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

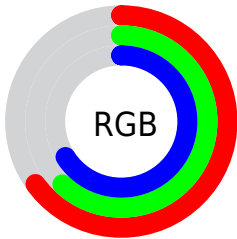
Format	Color
RYB	167, 157, 169
Decimal	10984873
CIELab	65.90, 5.90, -4.93
CIELCh	66, 7.685, 320.090
Yxy	35.1940, 0.3116, 0.3119
Android (android.graphics.Color)	4289174953 (0xFFA79DA9)
YUV	161.3580, 3.7675, 4.9480
Hunter-Lab	59.3245, 1.9584, -0.9245

Details

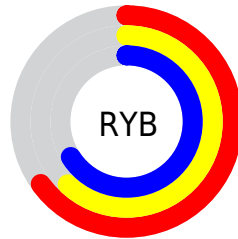
The XYZ color **35.1548, 35.1940, 42.4764** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.5731, 38.1821, 37.4477**, and the grayscale version is **34.0260, 35.7980, 38.9840**.

A 20% lighter version of the original color is **67.1222, 67.9984, 80.1083**, and **15.4352, 15.2373, 18.9572** is the 20% darker color. If you saturate the color by 10%, you get **31.9028, 29.5633, 41.5615**, and if you desaturate by 10%, it is **38.8173, 41.6254, 43.5253**.

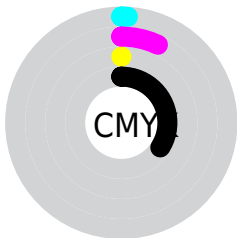
Distribution



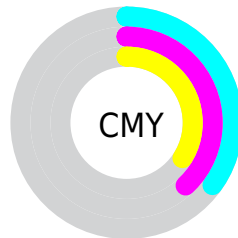
- Red (65%)
- Green (62%)
- Blue (66%)



- Red (65%)
- Yellow (62%)
- Blue (66%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (35%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1548, 35.1940, 42.4764 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 35.1548, 35.1940, 42.4764 by changing the saturation by 10% instead.

■ 35.1548, 35.1940,
42.4764

■ 35.1548, 35.1940,
42.4764

316.7471,
325.4238, 372.3118

■ 23.9492, 23.8124,
29.1462

■ 67.0580, 67.7862,
80.1980

■ 15.4205, 15.1945,
18.9449

■ 88.4862, 89.7655,
105.4264

■ 9.2033, 8.9560,
11.4540

114.0528,
116.0462, 135.4580

■ 4.9322, 4.7125,
6.2551

144.1230,
147.0127, 170.7112

■ 2.2419, 2.0796,
2.9295

179.0621,
183.0493, 211.6047

■ 0.7647, 0.6531,
1.0588

219.2357,

■ 0.0000, 0.0000,

224.5404, 258.5569

0.0000

265.0089,
271.8704, 311.9864

■ 35.1548, 35.1940,
42.4764

■ 35.1548, 35.1940,
42.4764

■ 31.9028, 29.5633,
41.5615

■ 38.8173, 41.6254,
43.5253

■ 29.0420, 24.6965,
40.7729

■ 42.9026, 48.8835,
44.7109

■ 26.5561, 20.5605,
40.1056

■ 47.4262, 56.9986,
46.0389

■ 24.4265, 17.1181,
39.5534

■ 52.4017, 65.9981,
47.5137

■ 22.6328, 14.3290,
39.1095

■ 57.8425, 75.9084,
49.1398

■ 21.1527, 12.1482,
38.7666

■ 62.6653, 84.5629,
50.5561

■ 19.9609, 10.5255,
38.5162

■ 63.3464, 84.9140,
50.5880

■ 19.0280, 9.4023,
38.3486

■ 64.0410, 85.2721,
50.6205

■ 18.3101, 8.6909,
38.2491

■ 64.7492, 85.6372,
50.6537

Harmonies

Analogous

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



34.2069, 35.1940, 44.5020



35.1548, 35.1940, 42.4764



35.6495, 35.1940, 39.4072

Triad

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



35.1548, 35.1940, 42.4764



33.8282, 35.1940, 32.4813



31.4407, 35.1940, 40.5100

Complementary

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



35.1548, 35.1940, 42.4764



34.5731, 38.1821, 37.4477

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.



31.3445, 35.1940, 37.2536



35.1548, 35.1940, 42.4764



32.7060, 35.1940, 32.7393

Square

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



35.1548, 35.1940, 42.4764



34.8722, 35.1940, 33.7184



31.8029, 35.1940, 34.4445



32.0686, 35.1940, 43.3229

Rectangle

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



35.1548, 35.1940, 42.4764



35.6482, 35.1940, 37.2345



31.8029, 35.1940, 34.4445



31.3457, 35.1940, 39.4270

Sweetspot

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



35.1558, 35.1955, 42.4772



66.1882, 68.6807, 76.9933



33.5001, 34.8994, 42.5073



14.4426, 14.9984, 16.7859



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.



35.1558, 35.1955, 42.4772



61.7009, 60.8372, 75.7159



35.2300, 35.2744, 40.6456



7.7174, 7.6024, 9.4790



13.5414, 6.3643, 28.4902



0.3610, 0.1711, 0.6946

Inverse Universe

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



34.6784, 35.0537, 37.7408



60.6189, 60.5178, 64.8941



34.5092, 38.1111, 39.1645



7.5802, 7.5620, 8.1068



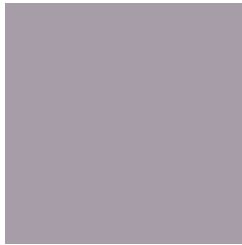
12.3664, 6.3553, 1.4750



0.3153, 0.1604, 0.1120

Previews

White Background



This preview shows how the XYZ color 35.1548, 35.1940, 42.4764 looks on a white background.

Color Contrast Check

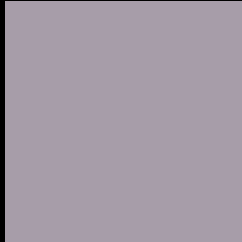
Large Text (above 18pt) WCAG AA × Fail

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 35.1548, 35.1940, 42.4764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

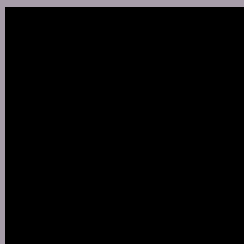
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.1548, 35.1940, 42.4764

Background



This preview shows how black text looks on a background with the XYZ color 35.1548, 35.1940, 42.4764.



This preview shows how white text looks on a background with the XYZ color 35.1548, 35.1940,

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

35.1548, 35.1940, 42.4764

Protanopia

34.1510, 35.1721, 43.0192

Deuteranopia

35.6774, 34.9652, 42.4047



Tritanopia

35.1548, 35.1940, 42.4764

Trichromacy



Original Color

35.1548, 35.1940, 42.4764

Protanomaly

34.5868, 35.1425, 42.9905

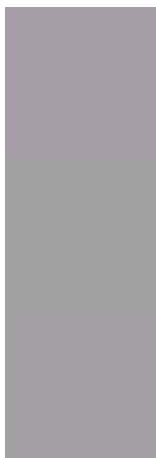
Deuteranomaly

35.6275, 35.1876, 42.4502

Tritanomaly

35.1548, 35.1940, 42.4764

Monochromacy



Original Color

35.1548, 35.1940, 42.4764

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3759, 35.6085, 40.1833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1548, 35.1940, 42.4764 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, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(167, 157, 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(167, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 157, 169) }
```

Border

The CSS property to change the border of an element to XYZ 35.1548, 35.1940, 42.4764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

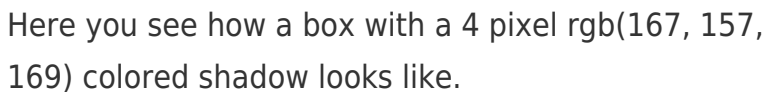
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 157, 169) }
```


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

```
.border{ border-color:rgb(167, 157, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 157, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 157, 169); box-shadow:4px 4px 4px 4px rgb(167, 157, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1548, 35.1940, 42.4764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 157, 169) }
```

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

```
.background{ background-color: rgb(167,  
157, 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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