

Converting Colors

XYZ(37.2559, 39.3220, 42.9485)

Have a look what the booklet for
XYZ(37.2559, 39.3220, 42.9485)
contains.

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Color

**XYZ(37.2857, 39.4560,
43.1867)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A9A9
RGB	167, 169, 169
RGB Percent	65%, 66%, 66%
CMY	0.3451, 0.3372, 0.3373
CMYK	0.01, 0.00, 0.00, 0.34
HSL	180°, 1%, 66%
HSV	180°, 1%, 66%
XYZ	37.2857, 39.4560, 43.1867
YIQ	168.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

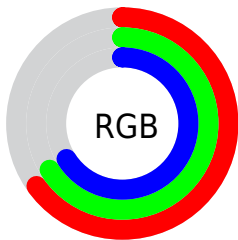
Format	Color
RYB	167, 168, 169
Decimal	10987945
CIELab	69.08, -0.71, -0.26
CIElCh	69, 0.751, 199.983
Yxy	39.4560, 0.3109, 0.3290
Android (android.graphics.Color)	4289178025 (0xFFA7A9A9)
YUV	168.4020, 0.2948, -1.2296
Hunter-Lab	62.8140, -3.9689, 3.2060

Details

The XYZ color **37.2857, 39.4560, 43.1867** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1574, 38.8634, 42.1041**, and the grayscale version is **37.4170, 39.3656, 42.8691**.

A 20% lighter version of the original color is **70.2344, 74.2227, 81.1457**, and **16.6424, 17.6518, 19.3596** is the 20% darker color. If you saturate the color by 10%, you get **33.9441, 37.7347, 43.0187**, and if you desaturate by 10%, it is **41.0962, 41.4212, 43.3783**.

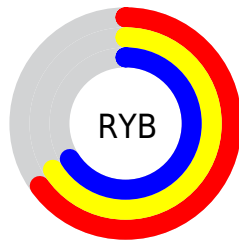
Distribution



Red (65%)

Green (66%)

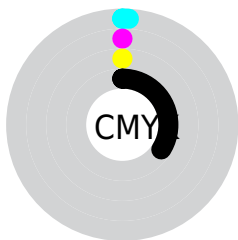
Blue (66%)



Red (65%)

Yellow (66%)

Blue (66%)

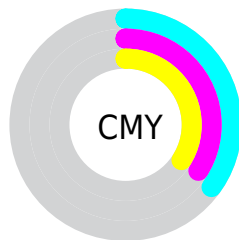


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2857, 39.4560, 43.1867 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 37.2857, 39.4560, 43.1867 by changing the saturation by 10% instead.

■ 37.2857, 39.4560,
43.1867

■ 37.2857, 39.4560,
43.1867

325.8799,
343.8253, 375.3228

■ 25.6035, 27.1147,
29.6991

■ 70.3230, 74.3344,
81.2819

■ 16.6583, 17.6593,
19.3602

■ 92.4087, 97.6403,
106.7266

■ 10.0850, 10.7057,
11.7514

118.6930,
125.3698, 136.9942

■ 5.5180, 5.8693,
6.4542

149.5411,
157.9073, 172.5030

■ 2.5922, 2.7658,
3.0499

185.3185,
195.6372, 213.6718

■ 0.9420, 1.0107,
1.1202

226.3906,

■ 0.0000, 0.0000,

238.9439, 260.9190

0.0000

273.1226,
288.2118, 314.6631

■ 37.2857, 39.4560,
43.1867

■ 37.2857, 39.4560,
43.1867

■ 33.9441, 37.7347,
43.0187

■ 41.0962, 41.4212,
43.3783

■ 31.0500, 36.2430,
42.8708

■ 45.3892, 43.6341,
43.5917

■ 28.5855, 34.9728,
42.7430

■ 50.1819, 46.1045,
43.8284

■ 26.5301, 33.9135,
42.6344

■ 55.4897, 48.8405,
44.0893

■ 24.8616, 33.0536,
42.5438

■ 61.3273, 51.8496,
44.3749

■ 23.5558, 32.3807,
42.4703

■ 62.6046, 52.5078,
44.4472

■ 22.5857, 31.8809,
42.4125

■ 62.6070, 52.5088,
44.4597

■ 21.9206, 31.5383,
42.3689

■ 62.6094, 52.5097,
44.4723

■ 21.5242, 31.3342,
42.3379

■ 62.6118, 52.5107,
44.4849

Harmonies

Analogous

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



37.2754, 39.4560, 42.8462



37.2857, 39.4560, 43.1867



37.3538, 39.4560, 43.4680

Triad

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



37.2857, 39.4560, 43.1867



37.6784, 39.4560, 43.3864



37.5418, 39.4560, 42.3146

Complementary

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



37.2857, 39.4560, 43.1867



37.1574, 38.8634, 42.1041

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.



37.6500, 39.4560, 42.4577



37.2857, 39.4560, 43.1867



37.7290, 39.4560, 43.0757

Square

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



37.2857, 39.4560, 43.1867



37.5805, 39.4560, 43.5838



37.7186, 39.4560, 42.7358



37.4231, 39.4560, 42.3439

Rectangle

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



37.2857, 39.4560, 43.1867



37.4230, 39.4560, 43.5837



37.7186, 39.4560, 42.7358



37.5806, 39.4560, 42.3441

Sweetspot

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



37.2868, 39.4577, 43.1876



67.5393, 71.0566, 77.3807



37.1075, 39.3868, 42.2063



14.7206, 15.4872, 16.8656



80.6108, 84.8088, 92.3568

Same Dimension

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



37.2868, 39.4577, 43.1876



66.8822, 70.7179, 77.3477



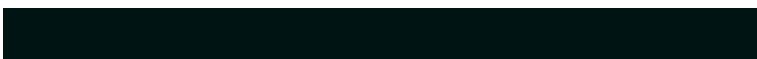
37.1076, 39.0988, 43.1292



8.3826, 8.8594, 9.6863



15.8940, 23.2764, 31.5385



0.3869, 0.5664, 0.7681

Inverse Universe

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



37.1574, 38.8634, 42.1041



66.6829, 69.8030, 75.6796



37.3351, 39.2194, 42.1620



8.3598, 8.7549, 9.4957



12.1959, 6.2871, 0.5771



0.2969, 0.1530, 0.0148

Previews

White Background



This preview shows how the XYZ color 37.2857, 39.4560, 43.1867 looks on a white background.

Color Contrast Check

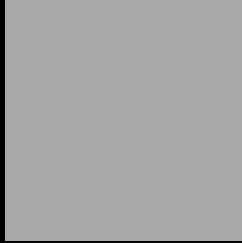
Large Text (above 18pt) WCAG AA × Fail

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 37.2857, 39.4560, 43.1867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

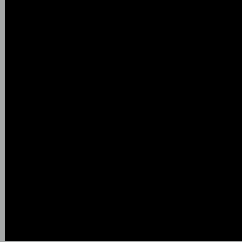
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.2857, 39.4560, 43.1867

Background



This preview shows how black text looks on a background with the XYZ color 37.2857, 39.4560, 43.1867.

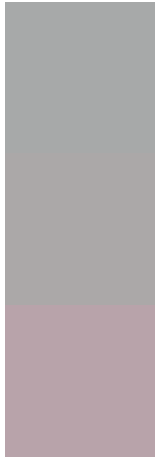


This preview shows how white text looks on a background with the XYZ color 37.2857, 39.4560,

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

37.2857, 39.4560, 43.1867

Protanopia

37.8651, 39.4903, 42.6725

Deuteranopia

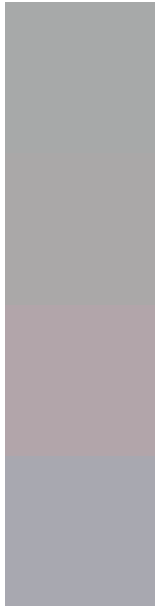
40.1201, 39.2870, 43.4988



Tritanopia

38.4191, 39.3677, 48.7538

Trichromacy



Original Color

37.2857, 39.4560, 43.1867

Protanomaly

37.6481, 39.3785, 42.6623

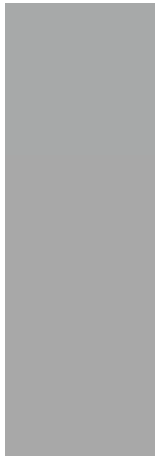
Deuteranomaly

39.0709, 39.2775, 43.5523

Tritanomaly

37.9876, 39.4647, 46.6896

Monochromacy



Original Color

37.2857, 39.4560, 43.1867

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.2190, 39.1572, 42.6422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2857, 39.4560, 43.1867 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, 169, 169)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 37.2857, 39.4560, 43.1867 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, 169, 169) }
```

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

```
.border{ border-color:rgb(167, 169, 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, 169, 169)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 37.2857, 39.4560, 43.1867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(167,  
169, 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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