

Converting Colors

XYZ(37.1078, 35.3338, 42.3658)

Have a look what the booklet for
XYZ(37.1078, 35.3338, 42.3658)
contains.

XYZ(37.1431, 35.2307, 42.3787)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.1431, 35.2307,
42.3787)**

Conversions

Conversions Part 1

Format	Color
Hex	B399A9
RGB	179, 153, 169
RGB Percent	70%, 60%, 66%
CMY	0.2980, 0.4000, 0.3373
CMYK	0.00, 0.15, 0.06, 0.30
HSL	323°, 15%, 65%
HSV	323°, 15%, 70%
XYZ	37.1431, 35.2307, 42.3787
YIQ	162.5980, 10.3600, 10.4880

Conversions

Conversions Part 2

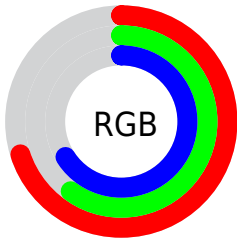
Format	Color
RYB	179, 153, 169
Decimal	11770281
CIELab	65.93, 12.42, -4.77
CIELCh	66, 13.300, 338.985
Yxy	35.2307, 0.3237, 0.3070
Android (android.graphics.Color)	4289960361 (0xFFB399A9)
YUV	162.5980, 3.1562, 14.3846
Hunter-Lab	59.3555, 7.8286, -0.7831

Details

The XYZ color **37.1431, 35.2307, 42.3787** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8692, 41.6579, 40.8026**, and the grayscale version is **34.6064, 36.4086, 39.6489**.

A 20% lighter version of the original color is **70.0283, 67.6696, 79.8917**, and **16.5664, 15.2227, 18.8948** is the 20% darker color. If you saturate the color by 10%, you get **33.8010, 29.5536, 38.1592**, and if you desaturate by 10%, it is **40.9608, 41.8036, 46.9255**.

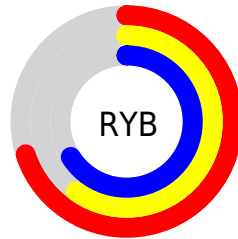
Distribution



Red (70%)

Green (60%)

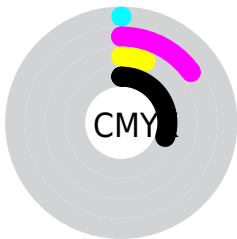
Blue (66%)



Red (70%)

Yellow (60%)

Blue (66%)

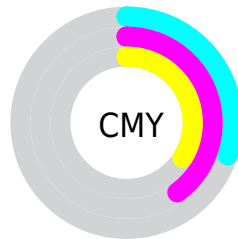


Cyan (0%)

Magenta (15%)

Yellow (6%)

Black (30%)



Cyan (30%)


Magenta (40%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1431, 35.2307, 42.3787 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 37.1431, 35.2307, 42.3787 by changing the saturation by 10% instead.


 37.1431, 35.2307,
42.3787


 37.1431, 35.2307,
42.3787

325.2744,
325.5855, 371.8963

 25.4925, 23.8406,
29.0702


 70.1052, 67.8430,
80.0487

 16.5750, 15.2154,
18.8879


 92.1474, 89.8340,
105.2473

 10.0254, 8.9707,
11.4133


118.3842,
116.1275, 135.2462

 5.4782, 4.7221,
6.2279

149.1810,
147.1078, 170.4642

 2.5681, 2.0851,
2.9131

184.9030,
183.1594, 211.3196

 0.9297, 0.6563,
1.0504

225.9157,

 0.0000, 0.0000,

224.6666, 258.2311

0.0000

272.5844,
272.0138, 311.6171

■ 37.1431, 35.2307,
42.3787

■ 37.1431, 35.2307,
42.3787

■ 33.8010, 29.5536,
38.1592

■ 40.9608, 41.8036,
46.9255

■ 30.9115, 24.7283,
34.2556

■ 45.2697, 49.3043,
51.8062

■ 28.4540, 20.7142,
30.6588

■ 50.0888, 57.7691,
57.0298

■ 26.4052, 17.4657,
27.3583

■ 55.4349, 67.2310,
62.6044

■ 24.7394, 14.9322,
24.3429

■ 61.3239, 77.7212,
68.5377

■ 23.4280, 13.0573,
21.6001

■ 66.0227, 85.7727,
74.2542

■ 22.4380, 11.7760,
19.1161

■ 66.9011, 86.1240,
78.8794

■ 21.7296, 11.0097,
16.8747

■ 67.8168, 86.4903,
83.7015

■ 21.4131, 10.7128,
15.7328

■ 68.7703, 86.8717,
88.7229

Harmonies

Analogous

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



35.9228, 35.2307, 47.4142



37.1431, 35.2307, 42.3787



37.3635, 35.2307, 36.6928

Triad

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



37.1431, 35.2307, 42.3787



32.8983, 35.2307, 28.6223



30.6301, 35.2307, 45.5887

Complementary

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



37.1431, 35.2307, 42.3787



35.8692, 41.6579, 40.8026

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.



29.8860, 35.2307, 40.0774



37.1431, 35.2307, 42.3787



31.1615, 35.2307, 30.5391

Square

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



37.1431, 35.2307, 42.3787



34.8609, 35.2307, 29.1085



30.0767, 35.2307, 34.6042



32.1472, 35.2307, 49.3900

Rectangle

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



37.1431, 35.2307, 42.3787



36.9055, 35.2307, 33.3456



30.0767, 35.2307, 34.6042



30.2840, 35.2307, 43.8540

Sweetspot

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



37.1441, 35.2322, 42.3795



73.6910, 75.4437, 84.4265



34.6267, 33.8218, 47.3517



16.2056, 16.5056, 18.5647



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



37.1441, 35.2322, 42.3795



64.7851, 60.1314, 73.7529



35.9865, 34.7692, 36.2834



8.7087, 8.5902, 9.9645



15.1638, 7.5831, 11.2887



0.5046, 0.2496, 0.4998

Inverse Universe

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



37.1441, 35.2322, 42.3795



64.7851, 60.1314, 73.7529



37.0913, 42.1467, 47.2380



8.7087, 8.5902, 9.9645



15.1638, 7.5831, 11.2887



0.5046, 0.2496, 0.4998

Previews

White Background



This preview shows how the XYZ color 37.1431, 35.2307, 42.3787 looks on a white background.

Color Contrast Check

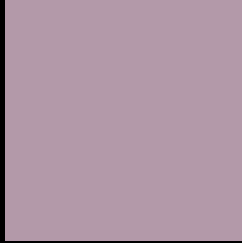
Large Text (above 18pt) WCAG AA × Fail

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 37.1431, 35.2307, 42.3787 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 37.1431, 35.2307, 42.3787

Background



This preview shows how black text looks on a background with the XYZ color 37.1431, 35.2307, 42.3787.



This preview shows how white text looks on a background with the XYZ color 37.1431, 35.2307,

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

37.1431, 35.2307, 42.3787

Protanopia

34.4382, 35.2870, 44.5311

Deuteranopia

36.0632, 35.4122, 42.4706



Tritanopia

37.0289, 35.4481, 40.9669

Trichromacy



Original Color

37.1431, 35.2307, 42.3787

Protanomaly

35.4397, 35.3080, 43.9770

Deuteranomaly

36.5620, 35.4212, 42.4461

Tritanomaly

37.1211, 35.4849, 41.4520

Monochromacy



Original Color

37.1431, 35.2307, 42.3787

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

35.5519, 35.9479, 40.6622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1431, 35.2307, 42.3787 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(179, 153, 169)` looks like.

```
.text, #text, p{  
    color:rgb(179, 153, 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(179, 153, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 153, 169) }
```

Border

The CSS property to change the border of an element to XYZ 37.1431, 35.2307, 42.3787 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(179, 153, 169) }
```


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

```
.border{ border-color:rgb(179, 153, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 153, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 153, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 153, 169);  
box-shadow:4px 4px 4px 4px rgb(179, 153,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1431, 35.2307, 42.3787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 153, 169) }
```

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

```
.background{ background-color: rgb(179,  
153, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor