

Converting Colors

XYZ(38.2569, 42.1678, 43.2180)

Have a look what the booklet for
XYZ(38.2569, 42.1678, 43.2180)
contains.

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Color

**XYZ(38.3071, 42.2708,
43.1859)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B1A8
RGB	165, 177, 168
RGB Percent	65%, 69%, 66%
CMY	0.3529, 0.3059, 0.3412
CMYK	0.07, 0.00, 0.05, 0.31
HSL	135°, 7%, 67%
HSV	135°, 7%, 69%
XYZ	38.3071, 42.2708, 43.1859
YIQ	172.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

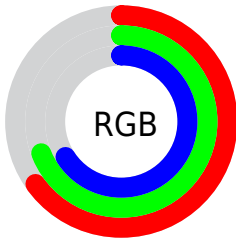
Format	Color
RYB	165, 175, 177
Decimal	10858920
CIELab	71.06, -5.91, 3.15
CIELCh	71, 6.702, 151.940
Yxy	42.2708, 0.3095, 0.3415
Android (android.graphics.Color)	4289049000 (0xFFFA5B1A8)
YUV	172.3860, -2.1623, -6.4775
Hunter-Lab	65.0160, -8.6067, 6.1287

Details

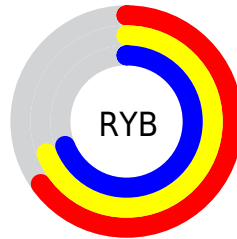
The XYZ color **38.3071, 42.2708, 43.1859** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2281, 39.3145, 45.5674**, and the grayscale version is **39.4214, 41.4744, 45.1656**.

A 20% lighter version of the original color is **71.9734, 78.8212, 81.2326**, and **17.1701, 19.1870, 19.3215** is the 20% darker color. If you saturate the color by 10%, you get **33.7029, 40.0342, 36.8405**, and if you desaturate by 10%, it is **43.5495, 44.8243, 50.2222**.

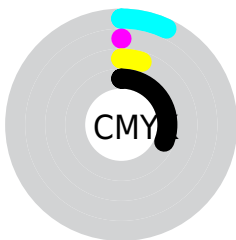
Distribution



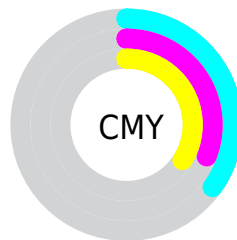
- Red (65%)
- Green (69%)
- Blue (66%)



- Red (65%)
- Yellow (69%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (35%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3071, 42.2708, 43.1859 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 38.3071, 42.2708, 43.1859 by changing the saturation by 10% instead.

■ 38.3071, 42.2708,
43.1859

■ 38.3071, 42.2708,
43.1859

330.1936,
355.6043, 375.3194

■ 26.3994, 29.3134,
29.6985

■ 71.8795, 78.6093,
81.2807

■ 17.2569, 19.3180,
19.3598

■ 94.2749, 102.7592,
106.7252

■ 10.5143, 11.9003,
11.7511

120.8969,
131.4087, 136.9924

■ 5.8061, 6.6758,
6.4539

152.1109,
164.9422, 172.5010

■ 2.7671, 3.2602,
3.0498

188.2822,
203.7441, 213.6695

■ 1.0318, 1.2690,
1.1201

229.7762,

■ 0.0000, 0.1170,

248.1989, 260.9163

0.0000

276.9582,
298.6908, 314.6601

■ 0.0000, 0.0000,
0.0000

■ 38.3071, 42.2708,
43.1859

■ 38.3071, 42.2708,
43.1859

■ 33.7029, 40.0342,
36.8405

■ 43.5495, 44.8243,
50.2222

■ 29.7089, 38.0967,
31.1624

■ 49.4498, 47.7007,
57.9665

■ 26.3000, 36.4472,
26.1306

■ 56.0313, 50.9129,
66.4388

■ 23.4481, 35.0716,
21.7222

■ 63.3149, 54.4712,
75.6577

■ 21.1228, 33.9548,
17.9126

■ 71.3207, 58.3857,
85.6407

■ 19.2904, 33.0799,
14.6758

■ 73.8533, 59.4621,
96.1142

■ 17.9137, 32.4283,
11.9840

■ 75.0130, 59.9259,
102.2210

■ 16.9493, 31.9783,
9.8067

■ 16.3385, 31.7004,
8.1101

Harmonies

Analogous

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



39.0489, 42.2708, 40.9893



38.3071, 42.2708, 43.1859



38.0637, 42.2708, 46.2348

Triad

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



38.3071, 42.2708, 43.1859



40.2501, 42.2708, 52.4669



42.0319, 42.2708, 42.8403

Complementary

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



38.3071, 42.2708, 43.1859



39.2281, 39.3145, 45.5674

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.



42.3674, 42.2708, 45.8173



38.3071, 42.2708, 43.1859



41.3269, 42.2708, 51.4587

Square

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



38.3071, 42.2708, 43.1859



39.1729, 42.2708, 51.6839



42.1070, 42.2708, 48.9874



41.1984, 42.2708, 40.7964

Rectangle

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



38.3071, 42.2708, 43.1859



38.2131, 42.2708, 48.3681



42.1070, 42.2708, 48.9874



42.2073, 42.2708, 43.7602

Sweetspot

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



38.3083, 42.2726, 43.1868



72.9165, 77.8029, 83.1671



40.0155, 43.1847, 41.8243



15.8246, 16.8721, 18.0538



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.3083, 42.2726, 43.1868



67.4216, 75.1292, 75.7302



38.8611, 42.4937, 46.0979



8.4732, 9.5238, 9.4857



11.7450, 22.9240, 5.6601



0.3933, 0.7308, 0.3034

Inverse Universe

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



39.2281, 39.3145, 45.5674



69.3804, 68.8299, 80.7992



38.6745, 39.0930, 42.6519



8.7575, 8.6097, 10.2212



16.2174, 8.0045, 16.8368



0.5320, 0.2605, 0.6440

Previews

White Background



This preview shows how the XYZ color 38.3071, 42.2708, 43.1859 looks on a white background.

Color Contrast Check

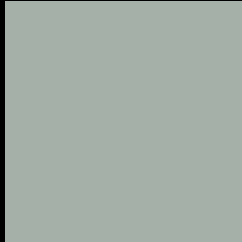
Large Text (above 18pt) WCAG AA × Fail

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 38.3071, 42.2708, 43.1859 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

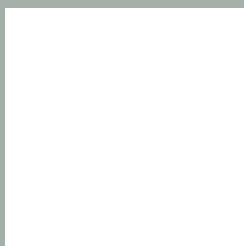
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3071, 42.2708, 43.1859

Background



This preview shows how black text looks on a background with the XYZ color 38.3071, 42.2708, 43.1859.



This preview shows how white text looks on a background with the XYZ color 38.3071, 42.2708,

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

38.3071, 42.2708, 43.1859

Protanopia

40.4169, 42.2240, 42.0962

Deuteranopia

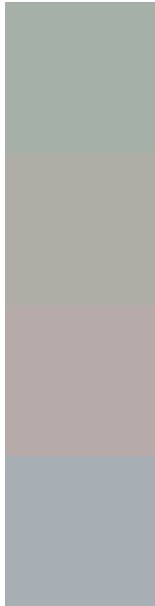
42.9966, 42.1140, 43.8929



Tritanopia

40.3616, 42.2278, 53.6004

Trichromacy



Original Color

38.3071, 42.2708, 43.1859

Protanomaly

39.5667, 42.0608, 42.5924

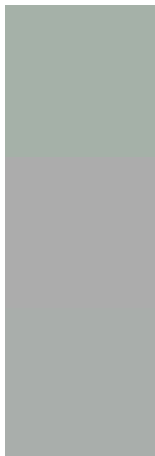
Deuteranomaly

41.0157, 41.9355, 43.4687

Tritanomaly

39.6068, 42.2116, 49.7762

Monochromacy



Original Color

38.3071, 42.2708, 43.1859

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8489, 41.6474, 44.5193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3071, 42.2708, 43.1859 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(165, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 168)  
}
```

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(165, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.3071, 42.2708, 43.1859 is called "border". The border property can be set on classes, ids or directly on the HTML element.

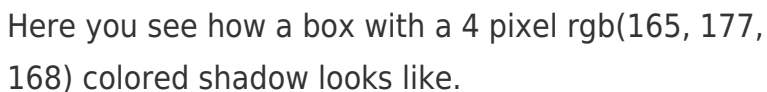
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 177, 168) }
```


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

```
.border{ border-color:rgb(165, 177, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 177, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 177, 168); box-shadow:4px 4px 4px 4px rgb(165, 177, 168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3071, 42.2708, 43.1859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 168) }
```

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

```
.background{ background-color: rgb(165,  
177, 168) }
```

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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