

Converting Colors

XYZ(38.8208, 42.2214, 43.3294)

Have a look what the booklet for
XYZ(38.8208, 42.2214, 43.3294)
contains.

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Color

**XYZ(38.7417, 42.2027,
43.1498)**

Conversions

Conversions Part 1

Format	Color
Hex	A8B0A8
RGB	168, 176, 168
RGB Percent	66%, 69%, 66%
CMY	0.3412, 0.3098, 0.3412
CMYK	0.05, 0.00, 0.05, 0.31
HSL	120°, 5%, 67%
HSV	120°, 5%, 69%
XYZ	38.7417, 42.2027, 43.1498
YIQ	172.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

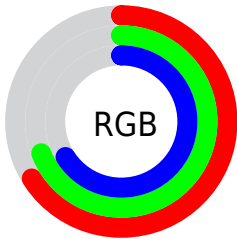
Format	Color
RYB	168, 176, 176
Decimal	11055272
CIELab	71.01, -4.32, 3.11
CIELCh	71, 5.326, 144.232
Yxy	42.2027, 0.3122, 0.3401
Android (android.graphics.Color)	4289245352 (0xFFA8B0A8)
YUV	172.6960, -2.3151, -4.1184
Hunter-Lab	64.9636, -7.2360, 6.0932

Details

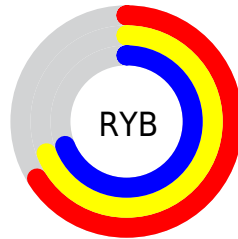
The XYZ color **38.7417, 42.2027, 43.1498** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.7452, 40.3711, 46.7741**, and the grayscale version is **39.5789, 41.6401, 45.3461**.

A 20% lighter version of the original color is **72.6073, 78.7289, 81.1814**, and **17.5625, 19.3893, 19.3399** is the 20% darker color. If you saturate the color by 10%, you get **33.7151, 39.7894, 34.9269**, and if you desaturate by 10%, it is **44.4998, 44.9699, 52.5673**.

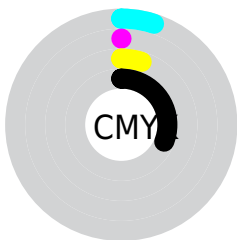
Distribution



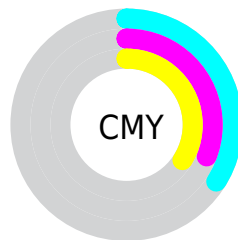
- Red (66%)
- Green (69%)
- Blue (66%)



- Red (66%)
- Yellow (69%)
- Blue (69%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7417, 42.2027, 43.1498 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 38.7417, 42.2027, 43.1498 by changing the saturation by 10% instead.

■ 38.7417, 42.2027,
43.1498

■ 38.7417, 42.2027,
43.1498

332.0172,
355.3225, 375.1668

■ 26.7387, 29.2600,
29.6704

■ 72.5402, 78.5063,
81.2256

■ 17.5126, 19.2776,
19.3386

■ 95.0663, 102.6361,
106.6592

■ 10.6982, 11.8711,
11.7359

121.8308,
131.2636, 136.9145

■ 5.9301, 6.6559,
6.4438

153.1991,
164.7734, 172.4101

■ 2.8429, 3.2479,
3.0436

189.5366,
203.5498, 213.5646

■ 1.0712, 1.2625,
1.1170

231.2085,

■ 0.0008, 0.1119,

247.9772, 260.7965

0.0000

278.5802,
298.4399, 314.5244

■ 0.0000, 0.0000,
0.0000

■ 38.7417, 42.2027,
43.1498

■ 38.7417, 42.2027,
43.1498

■ 33.7151, 39.7894,
34.9269

■ 44.4998, 44.9699,
52.5673

■ 29.3874, 37.7106,
27.8482

■ 51.0134, 48.0987,
63.2214

■ 25.7288, 35.9532,
21.8638

■ 58.3097, 51.6034,
75.1557

■ 22.7058, 34.5011,
16.9192

■ 66.4133, 55.4960,
88.4107

■ 20.2823, 33.3370,
12.9551

■ 74.8162, 59.5323,
102.1554

■ 18.4184, 32.4416,
9.9062

■ 17.0693, 31.7936,
7.6995

■ 16.1836, 31.3681,
6.2507

■ 15.6989, 31.1353,
5.4579

Harmonies

Analogous

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



39.4151, 42.2027, 41.6315



38.7417, 42.2027, 43.1498



38.4360, 42.2027, 45.4614

Triad

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



38.7417, 42.2027, 43.1498



39.9409, 42.2027, 50.9951



41.6910, 42.2027, 43.9719

Complementary

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



38.7417, 42.2027, 43.1498



39.7452, 40.3711, 46.7741

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.



41.8368, 42.2027, 46.4452



38.7417, 42.2027, 43.1498



40.8179, 42.2027, 50.5607

Square

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



38.7417, 42.2027, 43.1498



39.1218, 42.2027, 50.0382



41.5151, 42.2027, 48.8721



41.1196, 42.2027, 42.0937

Rectangle

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



38.7417, 42.2027, 43.1498



38.4786, 42.2027, 47.1654



41.5151, 42.2027, 48.8721



41.7918, 42.2027, 44.7588

Sweetspot

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



38.7429, 42.2045, 43.1507



73.7946, 78.2374, 84.0334



40.4996, 43.1101, 43.2329



16.0048, 16.9612, 18.2315



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.



38.7429, 42.2045, 43.1507



69.7370, 76.2883, 77.3965



39.1215, 42.3560, 45.1447



8.8361, 9.7049, 9.7735



11.3912, 22.7825, 3.7971



0.3584, 0.7168, 0.1195

Inverse Universe

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



39.7452, 40.3711, 46.7741



71.7636, 72.5813, 84.7225



39.3550, 40.2150, 44.7191



9.1197, 9.1861, 10.7987



18.8866, 9.0722, 30.8922



0.5943, 0.2854, 0.9720

Previews

White Background



This preview shows how the XYZ color 38.7417, 42.2027, 43.1498 looks on a white background.

Color Contrast Check

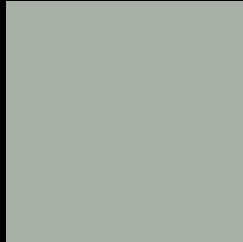
Large Text (above 18pt) WCAG AA × Fail

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 38.7417, 42.2027, 43.1498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

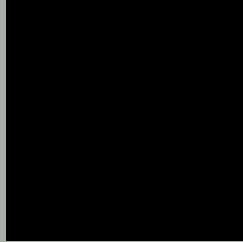
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

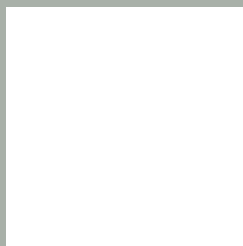
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.7417, 42.2027, 43.1498

Background



This preview shows how black text looks on a background with the XYZ color 38.7417, 42.2027, 43.1498.



This preview shows how white text looks on a background with the XYZ color 38.7417, 42.2027,

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

38.7417, 42.2027, 43.1498

Protanopia

40.1866, 42.1053, 42.0855

Deuteranopia

42.9966, 42.1140, 43.8929



Tritanopia

40.7078, 42.1329, 53.0006

Trichromacy



Original Color

38.7417, 42.2027, 43.1498

Protanomaly

39.5667, 42.0608, 42.5924

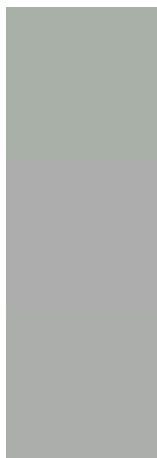
Deuteranomaly

41.2528, 42.0577, 43.4798

Tritanomaly

39.9518, 42.1134, 49.2030

Monochromacy



Original Color

38.7417, 42.2027, 43.1498

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.2813, 41.8703, 44.5395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7417, 42.2027, 43.1498 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(168, 176, 168) looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 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(168, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 168) }
```

Border

The CSS property to change the border of an element to XYZ 38.7417, 42.2027, 43.1498 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(168, 176, 168) }
```


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

```
.border{ border-color:rgb(168, 176, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7417, 42.2027, 43.1498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 168) }
```

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

```
.background{ background-color: rgb(168,  
176, 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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