

Converting Colors

XYZ(38.0742, 42.2861, 50.4113)

Have a look what the booklet for
XYZ(38.0742, 42.2861, 50.4113)
contains.

XYZ(38.0742, 42.2861, 50.4113)	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(38.0742, 42.2861,
50.4113)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB2B6
RGB	156, 178, 182
RGB Percent	61%, 70%, 71%
CMY	0.3882, 0.3019, 0.2863
CMYK	0.14, 0.02, 0.00, 0.29
HSL	189°, 15%, 66%
HSV	189°, 14%, 71%
XYZ	38.0742, 42.2861, 50.4113
YIQ	171.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

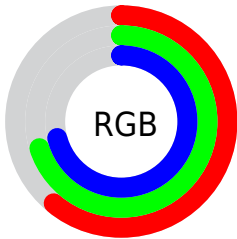
Format	Color
R_{YB}	156, 168, 182
Decimal	10269366
CIE _{Lab}	71.07, -6.71, -4.61
CIE _{LCh}	71, 8.138, 214.464
Yxy	42.2861, 0.2912, 0.3234
Android (android.graphics.Color)	4288459446 (0xFF9CB2B6)
YUV	171.8780, 4.9901, -13.9250
Hunter-Lab	65.0278, -9.2856, -0.4438

Details

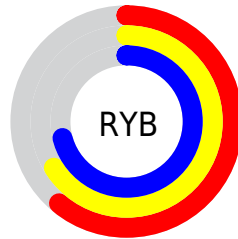
The XYZ color **38.0742, 42.2861, 50.4113** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.8633, 37.4869, 36.6934**, and the grayscale version is **39.1328, 41.1707, 44.8349**.

A 20% lighter version of the original color is **71.7194, 78.8676, 92.3319**, and **17.0050, 19.1953, 23.5777** is the 20% darker color. If you saturate the color by 10%, you get **34.2621, 39.5038, 50.0759**, and if you desaturate by 10%, it is **42.4279, 45.3667, 50.7771**.

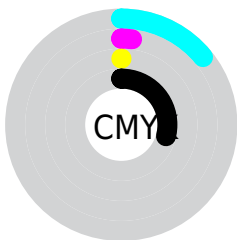
Distribution



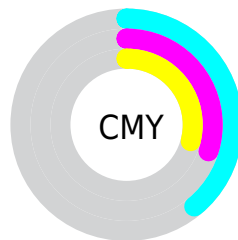
- Red (61%)
- Green (70%)
- Blue (71%)



- Red (61%)
- Yellow (66%)
- Blue (71%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)



- Cyan (39%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0742, 42.2861, 50.4113 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 38.0742, 42.2861, 50.4113 by changing the saturation by 10% instead.

■ 38.0742, 42.2861,
50.4113

■ 38.0742, 42.2861,
50.4113

329.2135,
355.6676, 405.0533

■ 26.2178, 29.3254,
35.3668

■ 71.5250, 78.6324,
92.1865

■ 17.1202, 19.3271,
23.6598

■ 93.8501, 102.7869,
119.7544

■ 10.4160, 11.9069,
14.8716

120.3955,
131.4413, 152.3339

■ 5.7400, 6.6803,
8.5837

151.5264,
164.9801, 190.3434

■ 2.7268, 3.2630,
4.3776

187.6083,
203.7878, 234.2015

■ 1.0110, 1.2705,
1.8347

229.0066,

■ 0.0000, 0.1182,

248.2487, 284.3269

0.4507

276.0865,
298.7471, 341.1379

■ 0.0000, 0.0000,
0.0000

■ 38.0742, 42.2861,
50.4113

■ 38.0742, 42.2861,
50.4113

■ 34.2621, 39.5038,
50.0759

■ 42.4279, 45.3667,
50.7771

■ 30.9644, 37.0024,
49.7668

■ 47.3414, 48.7517,
51.1715

■ 28.1570, 34.7704,
49.4840

■ 52.8368, 52.4537,
51.5964

■ 25.8127, 32.7937,
49.2260

■ 58.9337, 56.4830,
52.0528

■ 23.9013, 31.0566,
48.9915

■ 65.6509, 60.8493,
52.5416

■ 22.3891, 29.5417,
48.7787

■ 69.1525, 63.5752,
52.8832

■ 21.2370, 28.2287,
48.5860

■ 69.7846, 64.8393,
53.0939

■ 20.3982, 27.0933,
48.4111

■ 70.4284, 66.1270,
53.3085

■ 20.0023, 26.4947,
48.3164

■ 71.0841, 67.4384,
53.5270

Harmonies

Analogous

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



37.6408, 42.2861, 46.6277



38.0742, 42.2861, 50.4113



39.0750, 42.2861, 53.1352

Triad

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



38.0742, 42.2861, 50.4113



42.5974, 42.2861, 49.3464



39.9885, 42.2861, 38.9730

Complementary

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



38.0742, 42.2861, 50.4113



37.8633, 37.4869, 36.6934

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.



41.3294, 42.2861, 39.6107



38.0742, 42.2861, 50.4113



42.8552, 42.2861, 45.4620

Square

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



38.0742, 42.2861, 50.4113



41.6895, 42.2861, 52.4965



42.3862, 42.2861, 41.9335



38.7301, 42.2861, 40.1402

Rectangle

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



38.0742, 42.2861, 50.4113



39.9400, 42.2861, 53.9052



42.3862, 42.2861, 41.9335



40.4444, 42.2861, 38.9839

Sweetspot

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



38.0754, 42.2879, 50.4122



77.1031, 82.3757, 92.0720



36.7754, 43.0591, 39.5856



16.8903, 18.0970, 20.3245



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



38.0754, 42.2879, 50.4122



66.8530, 75.0958, 91.2071



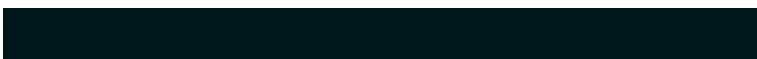
35.6277, 37.3925, 49.5963



9.1459, 9.9690, 11.5216



14.1644, 18.7885, 34.1331



0.5314, 0.7266, 1.2140

Inverse Universe

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



39.2167, 36.9373, 47.1842



69.3208, 63.6545, 84.1983



40.2173, 42.1950, 37.4780



9.3200, 9.1384, 11.0325



17.7632, 8.6790, 22.4377



0.6424, 0.3124, 0.8763

Previews

White Background



This preview shows how the XYZ color 38.0742, 42.2861, 50.4113 looks on a white background.

Color Contrast Check

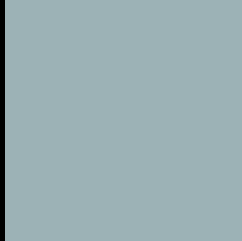
Large Text (above 18pt) WCAG AA × Fail

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 38.0742, 42.2861, 50.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

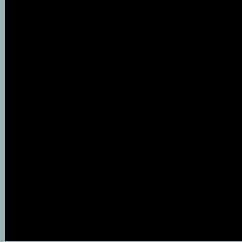
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

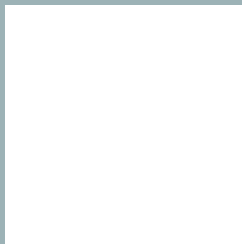
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0742, 42.2861, 50.4113

Background



This preview shows how black text looks on a background with the XYZ color 38.0742, 42.2861, 50.4113.



This preview shows how white text looks on a background with the XYZ color 38.0742, 42.2861,

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

38.0742, 42.2861, 50.4113

Protanopia

40.7594, 42.2558, 48.6558

Deuteranopia

43.0894, 42.2757, 51.2364



Tritanopia

39.2267, 42.4750, 55.4212

Trichromacy



Original Color

38.0742, 42.2861, 50.4113

Protanomaly

39.7166, 42.2801, 49.2476

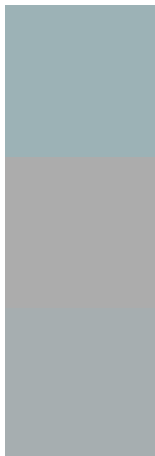
Deuteranomaly

40.9790, 42.0379, 50.7540

Tritanomaly

38.7039, 42.2432, 53.6908

Monochromacy



Original Color

38.0742, 42.2861, 50.4113

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6984, 41.5137, 47.0476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0742, 42.2861, 50.4113 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(156, 178, 182) looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 182)  
}
```

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(156, 178, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 182) }
```

Border

The CSS property to change the border of an element to XYZ 38.0742, 42.2861, 50.4113 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(156, 178, 182) }
```


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

```
.border{ border-color:rgb(156, 178, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 182);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0742, 42.2861, 50.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 182) }
```

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

```
.background{ background-color: rgb(156,  
178, 182) }
```

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