

Converting Colors

XYZ(37.9814, 41.8805, 47.9785)

Have a look what the booklet for
XYZ(37.9814, 41.8805, 47.9785)
contains.

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Color

**XYZ(38.0561, 42.0296,
48.2262)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB1B2
RGB	159, 177, 178
RGB Percent	62%, 69%, 70%
CMY	0.3765, 0.3059, 0.3020
CMYK	0.11, 0.01, 0.00, 0.30
HSL	183°, 11%, 66%
HSV	183°, 11%, 70%
XYZ	38.0561, 42.0296, 48.2262
YIQ	171.7320, -11.0490, -3.5050

Conversions

Conversions Part 2

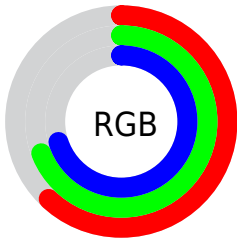
Format	Color
RYB	159, 168, 178
Decimal	10465714
CIELab	70.89, -6.01, -2.64
CIElCh	71, 6.563, 203.729
Yxy	42.0296, 0.2966, 0.3276
Android (android.graphics.Color)	4288655794 (0xFF9FB1B2)
YUV	171.7320, 3.0901, -11.1660
Hunter-Lab	64.8302, -8.6714, 1.2763

Details

The XYZ color **38.0561, 42.0296, 48.2262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.1891, 37.1095, 38.0043**, and the grayscale version is **39.0671, 41.1017, 44.7597**.

A 20% lighter version of the original color is **71.7218, 78.5145, 89.2166**, and **16.9727, 19.0218, 22.1790** is the 20% darker color. If you saturate the color by 10%, you get **34.5938, 39.9729, 48.0124**, and if you desaturate by 10%, it is **42.0304, 44.3544, 48.4661**.

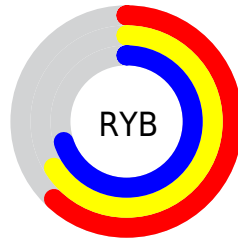
Distribution



Red (62%)

Green (69%)

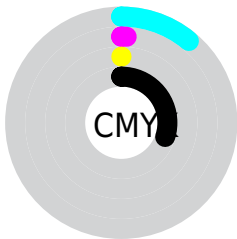
Blue (70%)



Red (62%)

Yellow (66%)

Blue (70%)

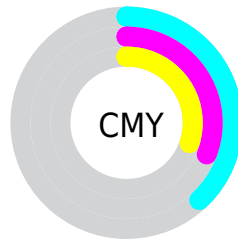


Cyan (11%)

Magenta (1%)

Yellow (0%)

Black (30%)



Cyan (38%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0561, 42.0296, 48.2262 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 38.0561, 42.0296, 48.2262 by changing the saturation by 10% instead.

■ 38.0561, 42.0296,
48.2262

■ 38.0561, 42.0296,
48.2262

329.1373,
354.6056, 396.2226

■ 26.2036, 29.1245,
33.6448

■ 71.4975, 78.2444,
88.9102

■ 17.1095, 19.1750,
22.3457

■ 93.8171, 102.3229,
115.8498

■ 10.4084, 11.7968,
13.9104

120.3565,
130.8946, 147.7459

■ 5.7349, 6.6055,
7.9203

151.4810,
164.3440, 185.0170

■ 2.7237, 3.2166,
3.9570

187.5559,
203.0554, 228.0817

■ 1.0094, 1.2458,
1.6018

228.9467,

■ 0.0000, 0.0987,

247.4132, 277.3585

0.2921

276.0187,
297.8018, 333.2659

■ 0.0000, 0.0000,
0.0000

■ 38.0561, 42.0296,
48.2262

■ 38.0561, 42.0296,
48.2262

■ 34.5938, 39.9729,
48.0124

■ 42.0304, 44.3544,
48.4661

■ 31.6183, 38.1678,
47.8208

■ 46.5334, 46.9526,
48.7303

■ 29.1076, 36.6042,
47.6513

■ 51.5856, 49.8357,
49.0205

■ 27.0366, 35.2692,
47.5028

■ 57.2052, 53.0132,
49.3376

■ 25.3779, 34.1486,
47.3739

■ 63.4096, 56.4941,
49.6825

■ 24.1009, 33.2266,
47.2632

■ 66.1290, 58.1803,
49.8647

■ 23.1710, 32.4854,
47.1692

■ 66.3218, 58.5659,
49.9289

■ 22.5470, 31.9037,
47.0898

■ 66.5158, 58.9541,
49.9936

■ 22.1607, 31.4638,
47.0252

■ 66.7112, 59.3448,
50.0587

Harmonies

Analogous

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



37.8966, 42.0296, 45.1093



38.0561, 42.0296, 48.2262



38.7184, 42.0296, 50.7852

Triad

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



38.0561, 42.0296, 48.2262



41.6650, 42.0296, 49.4141



40.1777, 42.0296, 40.0414

Complementary

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



38.0561, 42.0296, 48.2262



37.1891, 37.1095, 38.0043

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.



41.2032, 42.0296, 41.0835



38.0561, 42.0296, 48.2262



42.0719, 42.0296, 46.4232

Square

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



38.0561, 42.0296, 48.2262



40.7989, 42.0296, 51.4926



41.9013, 42.0296, 43.3853



39.1088, 42.0296, 40.4752

Rectangle

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



38.0561, 42.0296, 48.2262



39.3624, 42.0296, 51.7826



41.9013, 42.0296, 43.3853



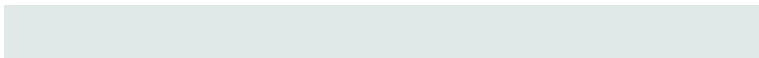
40.5391, 42.0296, 40.2291

Sweetspot

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



38.0573, 42.0314, 48.2271



74.4195, 79.3867, 87.7820



36.5599, 41.7487, 39.3668



16.3558, 17.5113, 19.4402



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.



38.0573, 42.0314, 48.2271



67.3251, 75.2232, 87.3523



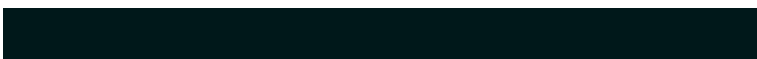
36.2543, 38.4254, 47.6261



8.7037, 9.5536, 10.8916



15.8706, 22.5416, 33.6515



0.5109, 0.7323, 1.0627

Inverse Universe

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



38.6950, 37.4364, 46.7836



68.7367, 65.0900, 84.1479



38.8906, 40.5125, 38.5715



8.8304, 8.6389, 10.6052



18.2454, 8.8157, 27.5160



0.5799, 0.2797, 0.8964

Previews

White Background



This preview shows how the XYZ color 38.0561, 42.0296, 48.2262 looks on a white background.

Color Contrast Check

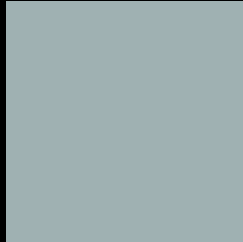
Large Text (above 18pt) WCAG AA × Fail

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 38.0561, 42.0296, 48.2262 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

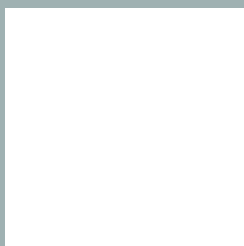
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0561, 42.0296, 48.2262

Background



This preview shows how black text looks on a background with the XYZ color 38.0561, 42.0296, 48.2262.

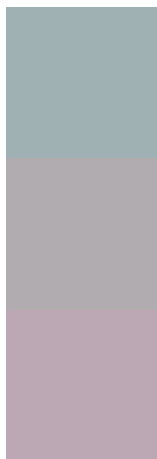


This preview shows how white text looks on a background with the XYZ color 38.0561, 42.0296,

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

38.0561, 42.0296, 48.2262

Protanopia

40.3949, 41.8303, 46.5025

Deuteranopia

42.7344, 41.8653, 49.0085



Tritanopia

39.2132, 41.9111, 54.1670

Trichromacy



Original Color

38.0561, 42.0296, 48.2262

Protanomaly

39.5501, 41.9527, 47.0875

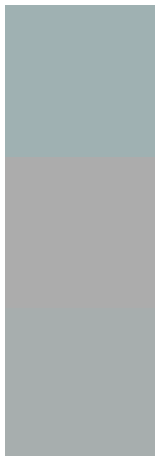
Deuteranomaly

40.8311, 41.7276, 48.5500

Tritanomaly

38.7795, 42.0270, 51.9671

Monochromacy



Original Color

38.0561, 42.0296, 48.2262

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.7124, 41.5436, 46.0228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0561, 42.0296, 48.2262 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(159, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 178)  
}
```

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(159, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 178) }
```

Border

The CSS property to change the border of an element to XYZ 38.0561, 42.0296, 48.2262 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(159, 177, 178) }
```


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

```
.border{ border-color:rgb(159, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(159, 177,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0561, 42.0296, 48.2262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 178) }
```

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

```
.background{ background-color: rgb(159,  
177, 178) }
```

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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