

Converting Colors

XYZ(34.8296, 38.4981, 48.8331)

Have a look what the booklet for
XYZ(34.8296, 38.4981, 48.8331)
contains.

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Color

**XYZ(34.8338, 38.6242,
48.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	93ABB4
RGB	147, 171, 180
RGB Percent	58%, 67%, 71%
CMY	0.4235, 0.3294, 0.2941
CMYK	0.18, 0.05, 0.00, 0.29
HSL	196°, 18%, 64%
HSV	196°, 18%, 71%
XYZ	34.8338, 38.6242, 48.7993
YIQ	164.8500, -17.1930, -2.2890

Conversions

Conversions Part 2

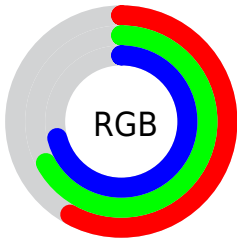
Format	Color
RYB	147, 161, 180
Decimal	9677748
CIELab	68.48, -6.32, -7.40
CIElCh	68, 9.731, 229.531
Yxy	38.6242, 0.2849, 0.3159
Android (android.graphics.Color)	4287867828 (0xFF93ABB4)
YUV	164.8500, 7.4690, -15.6544
Hunter-Lab	62.1484, -8.7114, -3.0510

Details

The XYZ color **34.8338, 38.6242, 48.7993** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9777, 35.5869, 32.5773**, and the grayscale version is **35.6645, 37.5218, 40.8613**.

A 20% lighter version of the original color is **66.4241, 72.8663, 89.9206**, and **15.2515, 17.2128, 22.5972** is the 20% darker color. If you saturate the color by 10%, you get **30.9455, 35.2699, 48.3574**, and if you desaturate by 10%, it is **39.2638, 42.3109, 49.2780**.

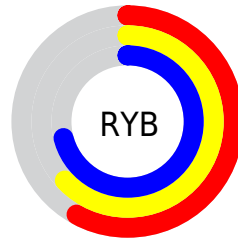
Distribution



Red (58%)

Green (67%)

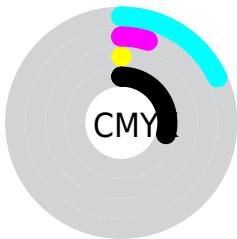
Blue (71%)



Red (58%)

Yellow (63%)

Blue (71%)

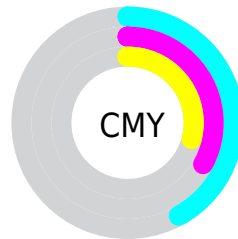


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (29%)



Cyan (42%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8338, 38.6242, 48.7993 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 34.8338, 38.6242, 48.7993 by changing the saturation by 10% instead.

■ 34.8338, 38.6242,
48.7993

■ 34.8338, 38.6242,
48.7993

315.3550,
340.2901, 398.5514

■ 23.7008, 26.4675,
34.0958

■ 66.5639, 73.0639,
89.7712

■ 15.2353, 17.1737,
22.6893

■ 87.8918, 96.1156,
116.8767

■ 9.0721, 10.3584,
14.1611

113.3486,
123.5679, 148.9533

■ 4.8457, 5.6372,
8.0928

143.2998,
155.8050, 186.4195

■ 2.1909, 2.6258,
4.0657

178.1106,
193.2114, 229.6939

■ 0.7379, 0.9396,
1.6615

218.1466,

■ 0.0000, 0.0000,

236.1714, 279.1950

0.3341

263.7729,
285.0695, 335.3413

■ 0.0000, 0.0000,
0.0000

■ 34.8338, 38.6242,
48.7993

■ 34.8338, 38.6242,
48.7993

■ 30.9455, 35.2699,
48.3574

■ 39.2638, 42.3109,
49.2780

■ 27.5719, 32.2304,
47.9486

■ 44.2545, 46.3373,
49.7922

■ 24.6882, 29.4936,
47.5723

■ 49.8279, 50.7162,
50.3436

■ 22.2667, 27.0445,
47.2272

■ 56.0039, 55.4585,
50.9335

■ 20.2764, 24.8665,
46.9117

■ 62.8013, 60.5744,
51.5627

■ 18.6822, 22.9410,
46.6240

■ 70.2372, 66.0731,
52.2321

■ 17.4434, 21.2463,
46.3622

■ 71.3956, 68.3899,
52.6183

■ 16.4920, 19.7470,
46.1230

■ 72.5908, 70.7803,
53.0167

■ 16.3442, 19.5071,
46.0845

■ 73.8233, 73.2452,
53.4275

Harmonies

Analogous

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



34.0065, 38.6242, 44.9367



34.8338, 38.6242, 48.7993



36.1789, 38.6242, 50.9007

Triad

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



34.8338, 38.6242, 48.7993



39.6821, 38.6242, 43.6055



35.7359, 38.6242, 34.6006

Complementary

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



34.8338, 38.6242, 48.7993



35.9777, 35.5869, 32.5773

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.



37.2485, 38.6242, 34.2989



34.8338, 38.6242, 48.7993



39.5555, 38.6242, 39.2996

Square

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



34.8338, 38.6242, 48.7993



38.9961, 38.6242, 47.7668



38.6548, 38.6242, 35.9630



34.5172, 38.6242, 36.8181

Rectangle

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



34.8338, 38.6242, 48.7993



37.2007, 38.6242, 50.9279



38.6548, 38.6242, 35.9630



36.2259, 38.6242, 34.2780

Sweetspot

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



34.8349, 38.6258, 48.8002



74.0175, 79.0194, 89.6457



34.3385, 41.2398, 37.5148



15.8659, 16.9718, 19.3619



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.



34.8349, 38.6258, 48.8002



60.1951, 67.5046, 88.1517



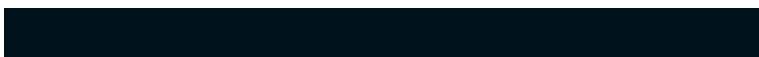
31.9431, 32.8421, 47.8362



8.5428, 9.2318, 10.8380



11.4652, 13.7307, 32.1830



0.4062, 0.5229, 1.0278

Inverse Universe

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



36.6077, 33.5119, 43.0689



64.0483, 56.6515, 75.6362



38.8992, 41.4300, 33.5512



8.7492, 8.6064, 10.1776



16.0217, 7.9263, 15.8063



0.5271, 0.2586, 0.6181

Previews

White Background



This preview shows how the XYZ color 34.8338, 38.6242, 48.7993 looks on a white background.

Color Contrast Check

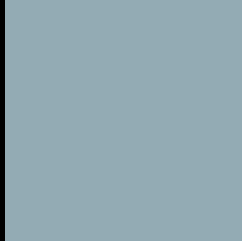
Large Text (above 18pt) WCAG AA × Fail

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 34.8338, 38.6242, 48.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

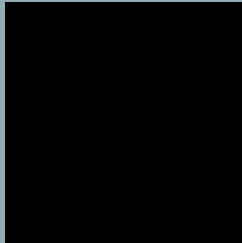
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

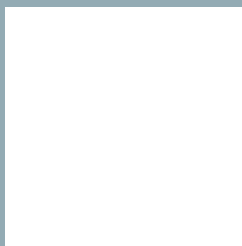
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.8338, 38.6242, 48.7993

Background



This preview shows how black text looks on a background with the XYZ color 34.8338, 38.6242, 48.7993.



This preview shows how white text looks on a background with the XYZ color 34.8338, 38.6242,

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

34.8338, 38.6242, 48.7993

Protanopia

37.5084, 38.6623, 47.0806

Deuteranopia

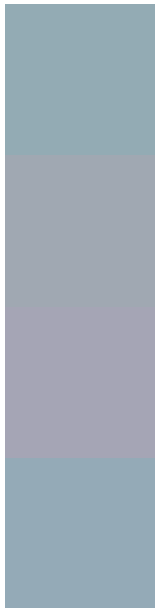
39.2683, 38.4482, 49.6075



Tritanopia

35.2392, 38.5060, 50.9225

Trichromacy



Original Color

34.8338, 38.6242, 48.7993

Protanomaly

36.5357, 38.6932, 47.6624

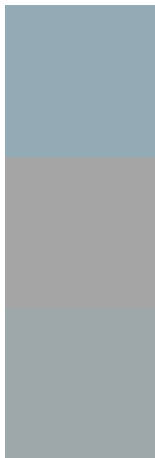
Deuteranomaly

37.3127, 38.2458, 49.1316

Tritanomaly

35.1347, 38.4642, 50.3723

Monochromacy



Original Color

34.8338, 38.6242, 48.7993

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1750, 37.8088, 43.4741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8338, 38.6242, 48.7993 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(147, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(147, 171, 180)  
}
```

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(147, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 171, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.8338, 38.6242, 48.7993 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(147, 171, 180) }
```


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

```
.border{ border-color:rgb(147, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(147, 171,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8338, 38.6242, 48.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 171, 180) }
```

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

```
.background{ background-color: rgb(147,  
171, 180) }
```

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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