

Converting Colors

XYZ(34.9174, 40.7492, 48.1558)

Have a look what the booklet for
XYZ(34.9174, 40.7492, 48.1558)
contains.

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Color

**XYZ(34.9408, 40.7179,
48.1372)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB2B2
RGB	141, 178, 178
RGB Percent	55%, 70%, 70%
CMY	0.4471, 0.3019, 0.3020
CMYK	0.21, 0.00, 0.00, 0.30
HSL	180°, 19%, 63%
HSV	180°, 21%, 70%
XYZ	34.9408, 40.7179, 48.1372
YIQ	166.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

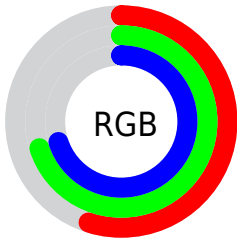
Format	Color
RYB	141, 160, 178
Decimal	9286322
CIELab	69.98, -12.41, -4.12
CIELCh	70, 13.080, 198.369
Yxy	40.7179, 0.2822, 0.3289
Android (android.graphics.Color)	4287476402 (0xFF8DB2B2)
YUV	166.9370, 5.4541, -22.7467
Hunter-Lab	63.8106, -13.9272, -0.0596

Details

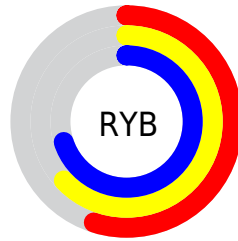
The XYZ color **34.9408, 40.7179, 48.1372** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.6942, 30.4390, 29.3532**, and the grayscale version is **36.6829, 38.5932, 42.0280**.

A 20% lighter version of the original color is **66.7798, 76.3883, 89.0666**, and **15.2517, 18.3216, 22.1346** is the 20% darker color. If you saturate the color by 10%, you get **32.1543, 39.2825, 48.0070**, and if you desaturate by 10%, it is **38.2162, 42.4075, 48.2920**.

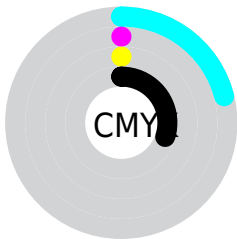
Distribution



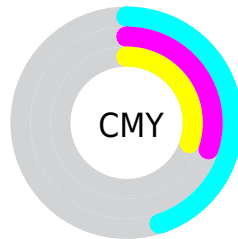
- Red (55%)
- Green (70%)
- Blue (70%)



- Red (55%)
- Yellow (63%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (45%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9408, 40.7179, 48.1372 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 34.9408, 40.7179, 48.1372 by changing the saturation by 10% instead.

■ 34.9408, 40.7179,
48.1372

■ 34.9408, 40.7179,
48.1372

315.8195,
349.1402, 395.8601

■ 23.7836, 28.0987,
33.5748

■ 66.7287, 76.2555,
88.7763

■ 15.2970, 18.4001,
22.2924

■ 88.0900, 99.9427,
115.6901

■ 9.1158, 11.2376,
13.8716

■ 113.5835,
128.0880, 147.5581

■ 4.8745, 6.2269,
7.8937

143.5744,
161.0758, 184.7988

■ 2.2078, 2.9835,
3.9402

178.4281,
199.2905, 227.8309

■ 0.7468, 1.1231,
1.5926

218.5099,

■ 0.0000, 0.0000,

243.1166, 277.0727

0.2855

264.1853,
292.9383, 332.9430

■ 0.0000, 0.0000,
0.0000

■ 34.9408, 40.7179,
48.1372

■ 34.9408, 40.7179,
48.1372

■ 32.1543, 39.2825,
48.0070

■ 38.2162, 42.4075,
48.2920

■ 29.8298, 38.0842,
47.8976

■ 41.9985, 44.3573,
48.4696

■ 27.9436, 37.1118,
47.8087

■ 46.3093, 46.5796,
48.6720

■ 26.4681, 36.3512,
47.7390

■ 51.1677, 49.0842,
48.9000

■ 25.3727, 35.7865,
47.6871

■ 56.5921, 51.8806,
49.1545

■ 24.6227, 35.3999,
47.6513

■ 62.5999, 54.9777,
49.4363

■ 24.1768, 35.1700,
47.6298

■ 65.1980, 56.3170,
49.5586

■ 23.9562, 35.0563,
47.6189

■ 65.1981, 56.3171,
49.5592

■ 65.1982, 56.3171,
49.5599

Harmonies

Analogous

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



34.8245, 40.7179, 42.0106



34.9408, 40.7179, 48.1372



36.0421, 40.7179, 53.6983

Triad

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



34.9408, 40.7179, 48.1372



41.8456, 40.7179, 52.5976



39.5332, 40.7179, 33.8045

Complementary

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



34.9408, 40.7179, 48.1372



32.6942, 30.4390, 29.3532

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.



41.4879, 40.7179, 36.1286



34.9408, 40.7179, 48.1372



42.8553, 40.7179, 46.7433

Square

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



34.9408, 40.7179, 48.1372



40.0070, 40.7179, 56.4319



42.7220, 40.7179, 40.7382



37.4240, 40.7179, 34.1033

Rectangle

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



34.9408, 40.7179, 48.1372



37.2101, 40.7179, 56.1640



42.7220, 40.7179, 40.7382



40.2315, 40.7179, 34.2955

Sweetspot

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



34.9420, 40.7196, 48.1381



72.3946, 78.4954, 87.7160



31.8190, 39.4825, 31.1439



15.9425, 17.3409, 19.4289



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.



34.9420, 40.7196, 48.1381



60.9066, 72.5732, 87.1761



31.6126, 34.0605, 47.0296



8.7427, 9.6316, 10.9045



17.1401, 25.0820, 34.0704



0.5393, 0.7892, 1.0720

Inverse Universe

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



32.6942, 30.4390, 29.3532



56.0823, 50.5084, 46.8588



35.5474, 36.1457, 30.3034



8.4964, 8.5053, 8.8465



13.1369, 6.7723, 0.6151



0.4134, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 34.9408, 40.7179, 48.1372 looks on a white background.

Color Contrast Check

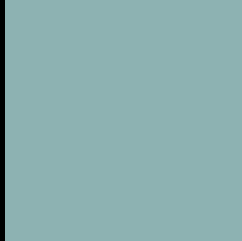
Large Text (above 18pt) WCAG AA × Fail

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 34.9408, 40.7179, 48.1372 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

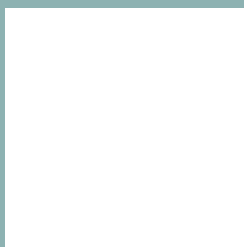
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9408, 40.7179, 48.1372

Background



This preview shows how black text looks on a background with the XYZ color 34.9408, 40.7179, 48.1372.

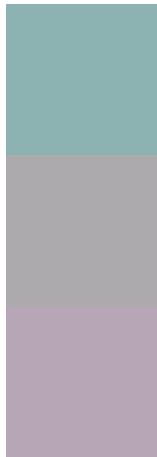


This preview shows how white text looks on a background with the XYZ color 34.9408, 40.7179,

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

34.9408, 40.7179, 48.1372

Protanopia

39.1511, 40.6508, 45.3181

Deuteranopia

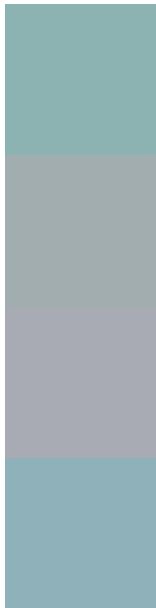
41.5051, 40.6759, 49.3797



Tritanopia

36.1473, 40.6080, 54.6482

Trichromacy



Original Color

34.9408, 40.7179, 48.1372

Protanomaly

37.3794, 40.5594, 46.4161

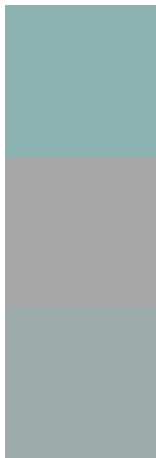
Deuteranomaly

38.7614, 40.3696, 48.9292

Tritanomaly

35.7404, 40.7402, 52.4343

Monochromacy



Original Color

34.9408, 40.7179, 48.1372

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

36.0141, 39.3352, 44.2224

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9408, 40.7179, 48.1372 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(141, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(141, 178, 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(141, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 178, 178) }
```

Border

The CSS property to change the border of an element to XYZ 34.9408, 40.7179, 48.1372 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(141, 178, 178) }
```


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

```
.border{ border-color:rgb(141, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(141, 178,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9408, 40.7179, 48.1372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 178, 178) }
```

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

```
.background{ background-color: rgb(141,  
178, 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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