

Converting Colors

XYZ(36.9661, 41.2084, 45.9703)

Have a look what the booklet for
XYZ(36.9661, 41.2084, 45.9703)
contains.

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Color

**XYZ(37.0699, 41.2748,
46.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	9DB0AE
RGB	157, 176, 174
RGB Percent	62%, 69%, 68%
CMY	0.3843, 0.3098, 0.3176
CMYK	0.11, 0.00, 0.01, 0.31
HSL	174°, 11%, 65%
HSV	174°, 11%, 69%
XYZ	37.0699, 41.2748, 46.0574
YIQ	170.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

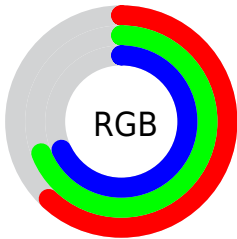
Format	Color
R _{YB}	157, 167, 176
Decimal	10334382
CIE Lab	70.37, -6.96, -1.22
CIE LCh	70, 7.070, 189.959
Yxy	41.2748, 0.2980, 0.3318
Android (android.graphics.Color)	4288524462 (0xFF9DB0AE)
YUV	170.0910, 1.9271, -11.4808
Hunter-Lab	64.2455, -9.4343, 2.4670

Details

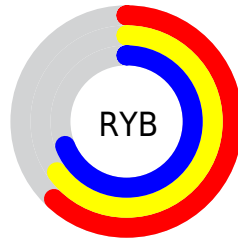
The XYZ color **37.0699, 41.2748, 46.0574** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2209, 35.8482, 37.8131**, and the grayscale version is **38.2493, 40.2412, 43.8227**.

A 20% lighter version of the original color is **70.1508, 77.3674, 85.3648**, and **16.6644, 18.8846, 21.1791** is the 20% darker color. If you saturate the color by 10%, you get **33.7011, 39.5600, 44.9629**, and if you desaturate by 10%, it is **40.9383, 43.2491, 47.1900**.

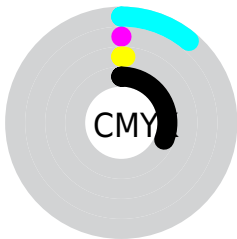
Distribution



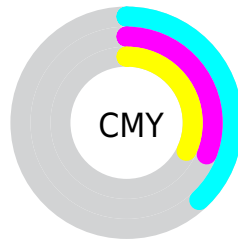
- Red (62%)
- Green (69%)
- Blue (68%)



- Red (62%)
- Yellow (65%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (38%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.0699, 41.2748, 46.0574 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 37.0699, 41.2748, 46.0574 by changing the saturation by 10% instead.

■ 37.0699, 41.2748,
46.0574

■ 37.0699, 41.2748,
46.0574

324.9633,
351.4678, 387.3237

■ 25.4355, 28.5339,
31.9421

■ 69.9934, 77.1009,
85.6401

■ 16.5323, 18.7285,
21.0528

■ 92.0133, 100.9548,
111.9446

■ 9.9948, 11.4743,
12.9710

118.2257,
129.2819, 143.1492

■ 5.4578, 6.3868,
7.2781

148.9960,
162.4664, 179.6726

■ 2.5558, 3.0817,
3.5555

184.6895,
200.8929, 221.9331

■ 0.9235, 1.1745,
1.3848

225.6717,

■ 0.0000, 0.0407,

244.9457, 270.3495

0.1298

272.3079,
295.0092, 325.3401

■ 0.0000, 0.0000,
0.0000

■ 37.0699, 41.2748,
46.0574

■ 37.0699, 41.2748,
46.0574

■ 33.7011, 39.5600,
44.9629

■ 40.9383, 43.2491,
47.1900

■ 30.8072, 38.0886,
43.9028

■ 45.3225, 45.4879,
48.3590

■ 28.3669, 36.8507,
42.8769

■ 50.2423, 48.0026,
49.5662

■ 26.3557, 35.8338,
41.8839

■ 55.7157, 50.8023,
50.8125

■ 24.7469, 35.0241,
40.9226

■ 61.7595, 53.8958,
52.0987

■ 23.5108, 34.4062,
39.9915

■ 65.5370, 55.8206,
53.2922

■ 22.6136, 33.9627,
39.0890

■ 65.7344, 55.8996,
54.3315

■ 22.0152, 33.6730,
38.2131

■ 65.9343, 55.9796,
55.3843

■ 21.6507, 33.5021,
37.4269

■ 66.1368, 56.0606,
56.4506

Harmonies

Analogous

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



37.1679, 41.2748, 42.7830



37.0699, 41.2748, 46.0574



37.5420, 41.2748, 49.1790

Triad

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



37.0699, 41.2748, 46.0574



40.6835, 41.2748, 50.0286



40.0014, 41.2748, 39.1918

Complementary

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



37.0699, 41.2748, 46.0574



36.2209, 35.8482, 37.8131

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.



40.9688, 41.2748, 40.9542



37.0699, 41.2748, 46.0574



41.3680, 41.2748, 47.1708

Square

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



37.0699, 41.2748, 46.0574



39.6183, 41.2748, 51.5456



41.4734, 41.2748, 43.8433



38.8452, 41.2748, 38.9266

Rectangle

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



37.0699, 41.2748, 46.0574



38.1221, 41.2748, 50.7135



41.4734, 41.2748, 43.8433



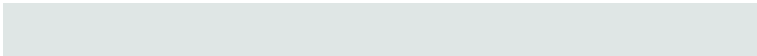
40.3601, 41.2748, 39.6245

Sweetspot

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



37.0711, 41.2765, 46.0583



72.5821, 77.5872, 85.1140



35.9534, 40.8799, 37.8944



15.6050, 16.7508, 18.4099



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.



37.0711, 41.2765, 46.0583



65.6642, 74.0595, 83.0415



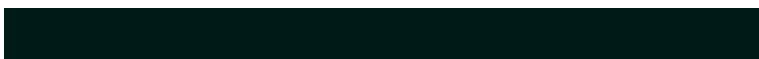
35.8776, 38.5747, 46.6311



8.7033, 9.6158, 10.6972



15.8975, 24.5850, 27.5269



0.5112, 0.7779, 0.9240

Inverse Universe

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



36.2209, 35.8482, 37.8131



63.8065, 62.1967, 65.0232



37.3180, 38.3182, 37.3281



8.5316, 8.5193, 9.0317



13.2313, 6.8101, 1.1123



0.4281, 0.2190, 0.0969

Previews

White Background



This preview shows how the XYZ color 37.0699, 41.2748, 46.0574 looks on a white background.

Color Contrast Check

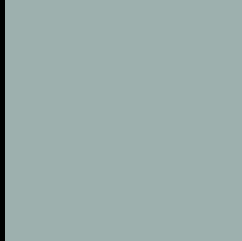
Large Text (above 18pt) WCAG AA × Fail

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 37.0699, 41.2748, 46.0574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

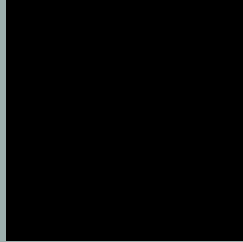
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

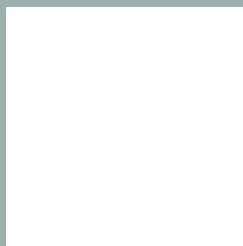
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 37.0699, 41.2748, 46.0574

Background



This preview shows how black text looks on a background with the XYZ color 37.0699, 41.2748, 46.0574.

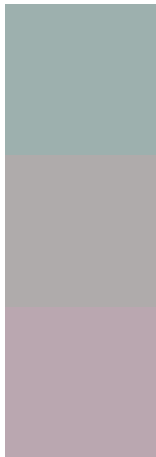


This preview shows how white text looks on a background with the XYZ color 37.0699, 41.2748,

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

37.0699, 41.2748, 46.0574

Protanopia

39.5928, 41.1801, 44.3899

Deuteranopia

41.9049, 41.2111, 46.8202



Tritanopia

38.5112, 41.2739, 53.5138

Trichromacy



Original Color

37.0699, 41.2748, 46.0574

Protanomaly

38.5384, 41.1905, 44.9491

Deuteranomaly

39.7918, 40.9586, 46.3660

Tritanomaly

37.9778, 41.3479, 50.7791

Monochromacy



Original Color

37.0699, 41.2748, 46.0574

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.6203, 40.4447, 44.3519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.0699, 41.2748, 46.0574 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(157, 176, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 176, 174)  
}
```

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(157, 176, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 176, 174) }
```

Border

The CSS property to change the border of an element to XYZ 37.0699, 41.2748, 46.0574 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(157, 176, 174) }
```


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

```
.border{ border-color:rgb(157, 176, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 176, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 176, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 176, 174);  
box-shadow:4px 4px 4px 4px rgb(157, 176,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 37.0699, 41.2748, 46.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 176, 174) }
```

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

```
.background{ background-color: rgb(157,  
176, 174) }
```

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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