

Converting Colors

XYZ(40.1864, 41.7681, 47.8347)

Have a look what the booklet for
XYZ(40.1864, 41.7681, 47.8347)
contains.

XYZ(40.2440, 41.7181, 48.0508)	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(40.2440, 41.7181,
48.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	AEACB2
RGB	174, 172, 178
RGB Percent	68%, 67%, 70%
CMY	0.3176, 0.3255, 0.3020
CMYK	0.02, 0.03, 0.00, 0.30
HSL	260°, 4%, 69%
HSV	260°, 3%, 70%
XYZ	40.2440, 41.7181, 48.0508
YIQ	173.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

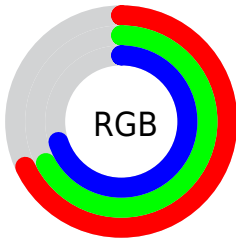
Format	Color
RYB	174, 172, 178
Decimal	11447474
CIELab	70.68, 1.85, -2.83
CIELCh	71, 3.379, 303.212
Yxy	41.7181, 0.3095, 0.3209
Android (android.graphics.Color)	4289637554 (0xFFAEACB2)
YUV	173.2820, 2.3260, 0.6297
Hunter-Lab	64.5896, -1.8132, 1.1044

Details

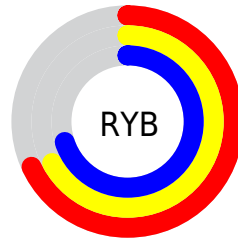
The XYZ color **40.2440, 41.7181, 48.0508** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2728, 44.0506, 45.3591**, and the grayscale version is **39.8542, 41.9297, 45.6614**.

A 20% lighter version of the original color is **74.6335, 77.5367, 88.8744**, and **18.4442, 19.0512, 22.1072** is the 20% darker color. If you saturate the color by 10%, you get **34.5519, 34.0880, 46.8787**, and if you desaturate by 10%, it is **46.6261, 50.3799, 49.3869**.

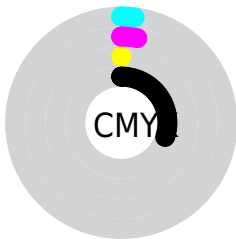
Distribution



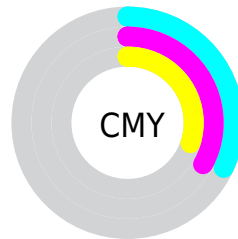
- Red (68%)
- Green (67%)
- Blue (70%)



- Red (68%)
- Yellow (67%)
- Blue (70%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2440, 41.7181, 48.0508 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 40.2440, 41.7181, 48.0508 by changing the saturation by 10% instead.

■ 40.2440, 41.7181,
48.0508

■ 40.2440, 41.7181,
48.0508

338.2677,
353.3130, 395.5080

■ 27.9139, 28.8806,
33.5068

■ 74.8169, 77.7728,
88.6464

■ 18.4009, 18.9905,
22.2407

97.7904, 101.7588,
115.5351

■ 11.3396, 11.6634,
13.8339

125.0424,
130.2298, 147.3758

■ 6.3647, 6.5149,
7.8678

156.9383,
163.5701, 184.5870

■ 3.1109, 3.1607,
3.9239

193.8435,
202.1642, 227.5873

■ 1.2127, 1.2162,
1.5837

236.1232,

■ 0.1163, 0.0749,

246.3965, 276.7952

0.2791

284.1428,
296.6513, 332.6292

■ 0.0000, 0.0000,
0.0000

■ 40.2440, 41.7181,
48.0508

■ 40.2440, 41.7181,
48.0508

■ 34.5519, 34.0880,
46.8787

■ 46.6261, 50.3799,
49.3869

■ 29.5222, 27.4452,
45.8616

■ 53.7173, 60.1048,
50.8903

■ 25.1308, 21.7501,
44.9938

■ 61.5404, 70.9295,
52.5674

■ 21.3506, 16.9584,
44.2681

■ 70.1162, 82.8874,
54.4235

■ 18.1526, 13.0220,
43.6769

■ 77.5187, 92.1191,
55.8152

■ 15.5050, 9.8883,
43.2115

■ 81.5341, 94.1891,
56.0031

■ 13.3729, 7.4987,
42.8627

■ 85.0360, 95.9944,
56.1670

■ 11.7167, 5.7863,
42.6194

■ 10.4902, 4.6713,
42.4689

Harmonies

Analogous

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



39.7121, 41.7181, 48.5702



40.2440, 41.7181, 48.0508



40.6200, 41.7181, 46.8267

Triad

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



40.2440, 41.7181, 48.0508



40.1387, 41.7181, 42.7286



38.5873, 41.7181, 45.5968

Complementary

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



40.2440, 41.7181, 48.0508



41.2728, 44.0506, 45.3591

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.



38.6992, 41.7181, 44.0494



40.2440, 41.7181, 48.0508



39.5916, 41.7181, 42.4166

Square

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



40.2440, 41.7181, 48.0508



40.5587, 41.7181, 43.7571



39.0654, 41.7181, 42.8946



38.7585, 41.7181, 47.1325

Rectangle

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



40.2440, 41.7181, 48.0508



40.7297, 41.7181, 45.7891



39.0654, 41.7181, 42.8946



38.5931, 41.7181, 45.0607

Sweetspot

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



40.2452, 41.7199, 48.0517



75.5888, 79.1784, 87.6802



40.5956, 43.0763, 48.2951



16.7601, 17.5601, 19.4283



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.



40.2452, 41.7199, 48.0517



72.2182, 74.6265, 86.9792



40.8984, 42.0566, 48.0823



8.9085, 9.1805, 10.8088



7.1127, 3.0025, 30.3417



0.2872, 0.1272, 0.9576

Inverse Universe

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



40.9506, 42.1065, 47.0454



73.7578, 75.4705, 84.7784



40.6240, 43.7161, 45.3288



9.1273, 9.3005, 10.4954



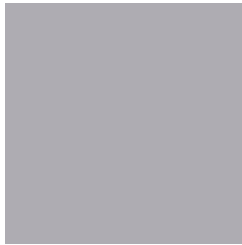
15.5375, 7.7325, 13.2562



0.5146, 0.2536, 0.5525

Previews

White Background



This preview shows how the XYZ color 40.2440, 41.7181, 48.0508 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 40.2440, 41.7181, 48.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

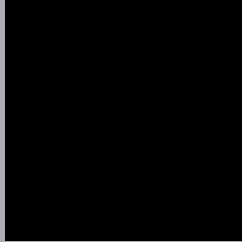
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2440, 41.7181, 48.0508

Background



This preview shows how black text looks on a background with the XYZ color 40.2440, 41.7181, 48.0508.



This preview shows how white text looks on a background with the XYZ color 40.2440, 41.7181,

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

40.2440, 41.7181, 48.0508

Protanopia

40.2440, 41.7181, 48.0508

Deuteranopia

42.6328, 41.8247, 48.4738



Tritanopia

40.8938, 41.7005, 51.2411

Trichromacy



Original Color

40.2440, 41.7181, 48.0508

Protanomaly

40.2440, 41.7181, 48.0508

Deuteranomaly

41.6161, 41.5757, 48.4793

Tritanomaly

40.6856, 41.6172, 50.1445

Monochromacy



Original Color

40.2440, 41.7181, 48.0508

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.9150, 41.8665, 46.5347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2440, 41.7181, 48.0508 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(174, 172, 178) looks like.

```
.text, #text, p{  
    color:rgb(174, 172, 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(174, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 172, 178) }
```

Border

The CSS property to change the border of an element to XYZ 40.2440, 41.7181, 48.0508 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(174, 172, 178) }
```


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

```
.border{ border-color:rgb(174, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(174, 172,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2440, 41.7181, 48.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 172, 178) }
```

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

```
.background{ background-color: rgb(174,  
172, 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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