

Converting Colors

XYZ(40.3895, 42.8788, 48.8005)

Have a look what the booklet for
XYZ(40.3895, 42.8788, 48.8005)
contains.

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Color

**XYZ(40.4566, 42.9633,
48.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	ABB0B3
RGB	171, 176, 179
RGB Percent	67%, 69%, 70%
CMY	0.3294, 0.3098, 0.2980
CMYK	0.04, 0.02, 0.00, 0.30
HSL	202°, 5%, 69%
HSV	202°, 4%, 70%
XYZ	40.4566, 42.9633, 48.8083
YIQ	174.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

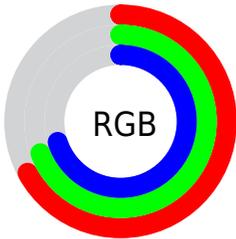
Format	Color
RYB	171, 174, 179
Decimal	11251891
CIELab	71.53, -1.17, -2.15
CIELCh	72, 2.448, 241.453
Yxy	42.9633, 0.3060, 0.3249
Android (android.graphics.Color)	4289441971 (0xFFABB0B3)
YUV	174.8470, 2.0474, -3.3738
Hunter-Lab	65.5464, -4.5323, 1.7329

Details

The XYZ color **40.4566, 42.9633, 48.8083** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0772, 42.7956, 44.6240**, and the grayscale version is **40.6607, 42.7782, 46.5855**.

A 20% lighter version of the original color is **75.2160, 79.8801, 90.0514**, and **18.5813, 19.8436, 22.5895** is the 20% darker color. If you saturate the color by 10%, you get **35.5363, 38.5240, 48.2114**, and if you desaturate by 10%, it is **45.9723, 47.8084, 49.4534**.

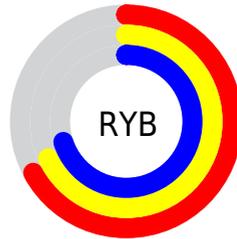
Distribution



Red (67%)

Green (69%)

Blue (70%)



Red (67%)

Yellow (68%)

Blue (70%)

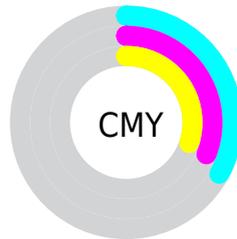


Cyan (4%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (31%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4566, 42.9633, 48.8083 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 40.4566, 42.9633, 48.8083 by changing the saturation by 10% instead.

■ 40.4566, 42.9633,
48.8083

■ 40.4566, 42.9633,
48.8083

339.1458,
358.4608, 398.5879

■ 28.0805, 29.8563,
34.1029

■ 75.1382, 79.6555,
89.7847

■ 18.5271, 19.7296,
22.6947

98.1745, 104.0095,
116.8928

■ 11.4311, 12.1986,
14.1650

125.4949,
132.8812, 148.9722

■ 6.4270, 6.8791,
8.0955

157.4647,
166.6552, 186.4415

■ 3.1495, 3.3866,
4.0675

194.4494,
205.7157, 229.7191

■ 1.2333, 1.3367,
1.6624

236.8142,

■ 0.1324, 0.1694,

250.4473, 279.2237

0.3348

284.9246,
301.2342, 335.3738

■ 0.0000, 0.0000,
0.0000

■ 40.4566, 42.9633,
48.8083

■ 40.4566, 42.9633,
48.8083

■ 35.5363, 38.5240,
48.2114

■ 45.9723, 47.8084,
49.4534

■ 31.1858, 34.4723,
47.6586

■ 52.1007, 53.0659,
50.1452

■ 27.3829, 30.7965,
47.1496

■ 58.8626, 58.7491,
50.8858

■ 24.1024, 27.4822,
46.6828

■ 66.2768, 64.8690,
51.6763

■ 21.3171, 24.5140,
46.2566

■ 72.3083, 70.3778,
52.4217

■ 18.9970, 21.8748,
45.8695

■ 73.9940, 73.7490,
52.9836

■ 17.1087, 19.5459,
45.5195

■ 75.7497, 77.2606,
53.5688

■ 15.6138, 17.5059,
45.2045

■ 77.5765, 80.9141,
54.1778

■ 14.4661, 15.7293,
44.9221

■ 79.4750, 84.7111,
54.8106

Harmonies

Analogous

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



40.1609, 42.9633, 47.9778



40.4566, 42.9633, 48.8083



40.8555, 42.9633, 49.0928

Triad

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



40.4566, 42.9633, 48.8083



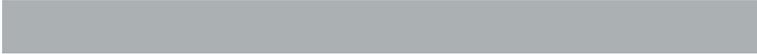
41.6352, 42.9633, 46.7220



40.4219, 42.9633, 44.8643

Complementary

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



40.4566, 42.9633, 48.8083



41.0772, 42.7956, 44.6240

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.



40.8152, 42.9633, 44.5404



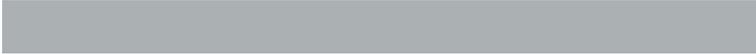
40.4566, 42.9633, 48.8083



41.5173, 42.9633, 45.6018

Square

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



40.4566, 42.9633, 48.8083



41.5376, 42.9633, 47.8762



41.2164, 42.9633, 44.8082



40.1410, 42.9633, 45.7001

Rectangle

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



40.4566, 42.9633, 48.8083



41.1268, 42.9633, 48.9309



41.2164, 42.9633, 44.8082



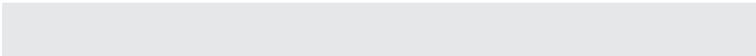
40.5453, 42.9633, 44.6926

Sweetspot

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



40.4578, 42.9651, 48.8092



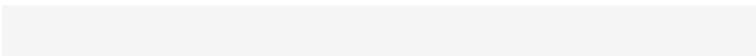
75.7455, 79.8603, 87.8035



40.5488, 43.9522, 46.3574



16.7930, 17.7032, 19.4542



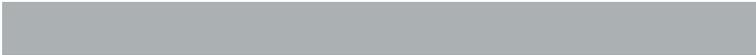
86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

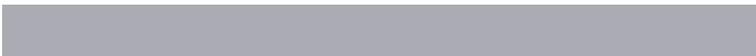
The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.4578, 42.9651, 48.8092



71.8853, 76.4384, 87.3465



39.6971, 41.4437, 48.5557



8.8884, 9.4614, 10.8641



9.9038, 10.6079, 31.6625



0.3654, 0.4414, 1.0142

Inverse Universe

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



40.9907, 41.8449, 46.9929



72.9682, 74.1708, 83.6537



41.8489, 44.3389, 44.8813



9.0363, 9.1527, 10.3595



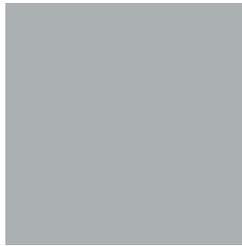
15.2336, 7.6110, 11.6561



0.5065, 0.2503, 0.5098

Previews

White Background



This preview shows how the XYZ color 40.4566, 42.9633, 48.8083 looks on a white background.

Color Contrast Check

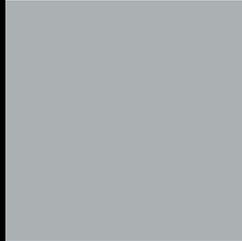
Large Text (above 18pt) WCAG AA × Fail

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 40.4566, 42.9633, 48.8083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

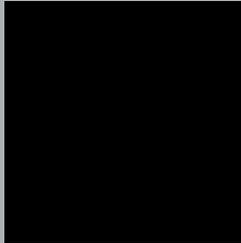
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

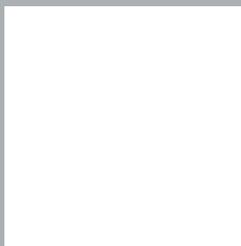
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4566, 42.9633, 48.8083

Background



This preview shows how black text looks on a background with the XYZ color 40.4566, 42.9633, 48.8083.



This preview shows how white text looks on a background with the XYZ color 40.4566, 42.9633,

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

40.4566, 42.9633, 48.8083

Protanopia

41.3034, 42.8336, 48.2103

Deuteranopia

43.8481, 42.9919, 49.1672



Tritanopia

41.6407, 43.1750, 53.7159

Trichromacy



Original Color

40.4566, 42.9633, 48.8083

Protanomaly

41.0450, 42.9883, 48.2537

Deuteranomaly

42.5192, 42.8676, 49.2133

Tritanomaly

41.1002, 42.9334, 52.0197

Monochromacy



Original Color

40.4566, 42.9633, 48.8083

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.6220, 42.7932, 47.1932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4566, 42.9633, 48.8083 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(171, 176, 179)` looks like.

```
.text, #text, p{  
    color:rgb(171, 176, 179)  
}
```

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(171, 176, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 176, 179) }
```

Border

The CSS property to change the border of an element to XYZ 40.4566, 42.9633, 48.8083 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(171, 176, 179) }
```

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

```
.border{ border-color:rgb(171, 176, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 176, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 176, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 176, 179);  
box-shadow:4px 4px 4px 4px rgb(171, 176,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4566, 42.9633, 48.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 176, 179) }
```

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

```
.background{ background-color: rgb(171,  
176, 179) }
```

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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