

Converting Colors

XYZ(40.4836, 41.6390, 44.4989)

Have a look what the booklet for
XYZ(40.4836, 41.6390, 44.4989)
contains.

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Color

**XYZ(40.5040, 41.6498,
44.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	B3ABAB
RGB	179, 171, 171
RGB Percent	70%, 67%, 67%
CMY	0.2980, 0.3294, 0.3294
CMYK	0.00, 0.04, 0.04, 0.30
HSL	0°, 5%, 69%
HSV	0°, 4%, 70%
XYZ	40.5040, 41.6498, 44.4325
YIQ	173.3920, 4.7680, 1.6960

Conversions

Conversions Part 2

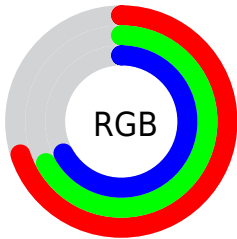
Format	Color
RYB	179, 171, 171
Decimal	11774891
CIELab	70.63, 2.86, 1.01
CIELCh	71, 3.036, 19.506
Yxy	41.6498, 0.3200, 0.3290
Android (android.graphics.Color)	4289964971 (0xFFB3ABAB)
YUV	173.3920, -1.1793, 4.9182
Hunter-Lab	64.5367, -0.9104, 4.3554

Details

The XYZ color **40.5040, 41.6498, 44.4325** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.0513, 44.1521, 49.0069**, and the grayscale version is **39.9257, 42.0049, 45.7434**.

A 20% lighter version of the original color is **75.1848, 77.5459, 82.9567**, and **18.5308, 18.9612, 20.1360** is the 20% darker color. If you saturate the color by 10%, you get **35.7582, 34.7060, 34.9951**, and if you desaturate by 10%, it is **45.9408, 49.6048, 55.2413**.

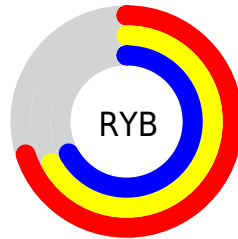
Distribution



Red (70%)

Green (67%)

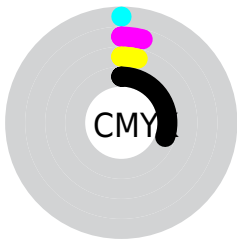
Blue (67%)



Red (70%)

Yellow (67%)

Blue (67%)

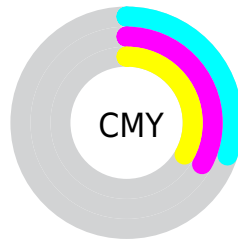


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.5040, 41.6498, 44.4325 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 40.5040, 41.6498, 44.4325 by changing the saturation by 10% instead.

■ 40.5040, 41.6498,
44.4325

■ 40.5040, 41.6498,
44.4325

339.3414,
353.0292, 380.5632

■ 28.1177, 28.8272,
30.6710

■ 75.2098, 77.6693,
83.1776

■ 18.5553, 18.9501,
20.0921

98.2601, 101.6350,
108.9982

■ 11.4515, 11.6342,
12.2773

125.5957,
130.0839, 139.6756

■ 6.4409, 6.4951,
6.8080

157.5820,
163.4003, 175.6283

■ 3.1582, 3.1484,
3.2657

194.5844,
201.9686, 217.2749

■ 1.2379, 1.2097,
1.2318

236.9681,

■ 0.1360, 0.0696,

246.1733, 265.0338

0.0049

285.0987,
296.3987, 319.3238

0.0000, 0.0000,
0.0000

40.5040, 41.6498,
44.4325

40.5040, 41.6498,
44.4325

35.7582, 34.7060,
34.9951

45.9408, 49.6048,
55.2413

31.6724, 28.7276,
26.8716

52.0910, 58.6033,
67.4704

28.2185, 23.6737,
20.0047

58.9803, 68.6833,
81.1695

25.3649, 19.4981,
14.3317

66.6323, 79.8790,
96.3852

23.0773, 16.1507,
9.7845

72.4006, 88.3238,
107.8400

■ 21.3182, 13.5764,
6.2880

■ 20.0453, 11.7134,
3.7583

■ 19.2098, 10.4906,
2.0985

■ 18.7531, 9.8219,
1.1917

Harmonies

Analogous

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



40.5439, 41.6498, 45.8551



40.5040, 41.6498, 44.4325



40.2172, 41.6498, 43.2790

Triad

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



40.5040, 41.6498, 44.4325



38.8572, 41.6498, 43.5775



39.4113, 41.6498, 48.1232

Complementary

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



40.5040, 41.6498, 44.4325



41.0513, 44.1521, 49.0069

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.



38.9632, 41.6498, 47.4851



40.5040, 41.6498, 44.4325



38.6451, 41.6498, 44.8478

Square

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



40.5040, 41.6498, 44.4325



39.2654, 41.6498, 42.7926



38.6837, 41.6498, 46.2791



39.9102, 41.6498, 48.0063

Rectangle

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



40.5040, 41.6498, 44.4325



39.9259, 41.6498, 42.8084



38.6837, 41.6498, 46.2791



39.2498, 41.6498, 47.9894

Sweetspot

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



40.5052, 41.6516, 44.4334



75.7617, 79.3058, 85.9784



41.2906, 41.9648, 48.5721



16.7964, 17.5868, 19.0711



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.



40.5052, 41.6516, 44.4334



71.9846, 73.7792, 78.4681



41.2716, 43.1845, 44.6889



8.9023, 9.0994, 9.6531



13.1375, 6.7736, 0.6150



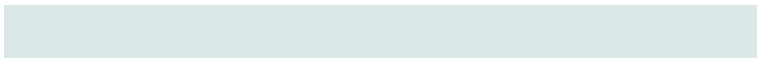
0.4134, 0.2133, 0.0194

Inverse Universe

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



41.0513, 44.1521, 49.0069



73.0928, 78.8534, 87.7490



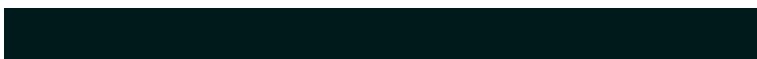
40.2618, 42.5732, 48.7438



9.0535, 9.7915, 10.9191



17.1312, 25.0628, 34.0717



0.5391, 0.7888, 1.0721

Previews

White Background



This preview shows how the XYZ color 40.5040, 41.6498, 44.4325 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 40.5040, 41.6498, 44.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

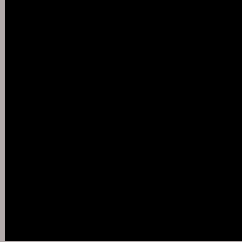
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5040, 41.6498, 44.4325

Background



This preview shows how black text looks on a background with the XYZ color 40.5040, 41.6498, 44.4325.



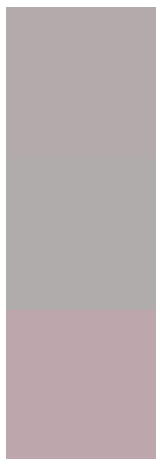
This preview shows how white text looks on a background with the XYZ color 40.5040, 41.6498,

44.4325.

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

40.5040, 41.6498, 44.4325

Protanopia

40.1034, 41.7137, 44.9676

Deuteranopia

42.5003, 41.5631, 44.8122



Tritanopia

41.7913, 41.6186, 50.6303

Trichromacy



Original Color

40.5040, 41.6498, 44.4325

Protanomaly

40.3304, 41.8307, 44.9782

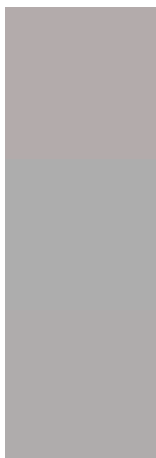
Deuteranomaly

41.6987, 41.4229, 44.8274

Tritanomaly

41.3338, 41.7074, 48.5196

Monochromacy



Original Color

40.5040, 41.6498, 44.4325

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8781, 41.5976, 44.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5040, 41.6498, 44.4325 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(179, 171, 171)` looks like.

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

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

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

Border

The CSS property to change the border of an element to XYZ 40.5040, 41.6498, 44.4325 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(179, 171, 171) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 40.5040, 41.6498, 44.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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