

Converting Colors

XYZ(40.7100, 41.6751, 44.2683)

Have a look what the booklet for
XYZ(40.7100, 41.6751, 44.2683)
contains.

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Color

**XYZ(40.7360, 41.7694,
44.4434)**

Conversions

Conversions Part 1

Format	Color
Hex	B4ABAB
RGB	180, 171, 171
RGB Percent	71%, 67%, 67%
CMY	0.2941, 0.3294, 0.3294
CMYK	0.00, 0.05, 0.05, 0.29
HSL	0°, 6%, 69%
HSV	0°, 5%, 71%
XYZ	40.7360, 41.7694, 44.4434
YIQ	173.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

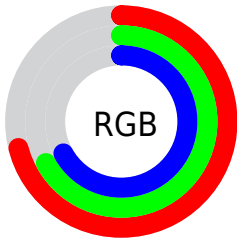
Format	Color
RYB	180, 171, 171
Decimal	11840427
CIELab	70.71, 3.22, 1.14
CIELCh	71, 3.419, 19.556
Yxy	41.7694, 0.3209, 0.3290
Android (android.graphics.Color)	4290030507 (0xFFB4ABAB)
YUV	173.6910, -1.3267, 5.5330
Hunter-Lab	64.6293, -0.5921, 4.4687

Details

The XYZ color **40.7360, 41.7694, 44.4434** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3540, 44.5951, 49.6087**, and the grayscale version is **40.0793, 42.1665, 45.9193**.

A 20% lighter version of the original color is **75.5159, 77.7166, 82.9722**, and **18.6790, 19.0376, 20.1429** is the 20% darker color. If you saturate the color by 10%, you get **35.9654, 34.7892, 34.9569**, and if you desaturate by 10%, it is **46.2053, 49.7721, 55.3166**.

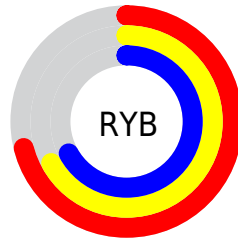
Distribution



Red (71%)

Green (67%)

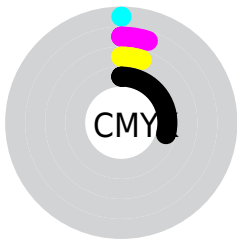
Blue (67%)



Red (71%)

Yellow (67%)

Blue (67%)

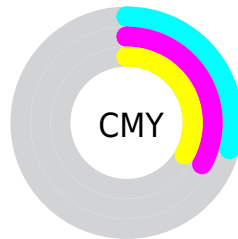


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7360, 41.7694, 44.4434 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 40.7360, 41.7694, 44.4434 by changing the saturation by 10% instead.

■ 40.7360, 41.7694,
44.4434

■ 40.7360, 41.7694,
44.4434

340.2975,
353.5261, 380.6088

■ 28.2996, 28.9208,
30.6795

■ 75.5602, 77.8505,
83.1941

■ 18.6932, 19.0209,
20.0985

98.6788, 101.8518,
109.0180

■ 11.5515, 11.6854,
12.2819

126.0887,
130.3394, 139.6990

■ 6.5091, 6.5298,
6.8111

158.1555,
163.6977, 175.6555

■ 3.2006, 3.1698,
3.2676

195.2444,
202.3111, 217.3063

■ 1.2607, 1.2210,
1.2328

237.7208,

■ 0.1535, 0.0788,

246.5641, 265.0697

0.0058

285.9500,
296.8409, 319.3644

■ 0.0000, 0.0000,
0.0000

■ 40.7360, 41.7694,
44.4434

■ 40.7360, 41.7694,
44.4434

■ 35.9654, 34.7892,
34.9569

■ 46.2053, 49.7721,
55.3166

■ 31.8621, 28.7853,
26.7989

■ 52.3963, 58.8304,
67.6263

■ 28.3975, 23.7156,
19.9108

■ 59.3350, 68.9828,
81.4230

■ 25.5393, 19.5334,
14.2289

■ 67.0452, 80.2640,
96.7542

■ 23.2529, 16.1875,
9.6837

■ 72.6326, 88.4434,
107.8509

■ 21.4996, 13.6218,
6.1988

■ 20.2365, 11.7732,
3.6886

■ 19.4136, 10.5688,
2.0537

■ 18.9703, 9.9198,
1.1733

Harmonies

Analogous

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



40.7816, 41.7694, 46.0477



40.7360, 41.7694, 44.4434



40.4115, 41.7694, 43.1464

Triad

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



40.7360, 41.7694, 44.4434



38.8772, 41.7694, 43.4857



39.5034, 41.7694, 48.6176

Complementary

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



40.7360, 41.7694, 44.4434



41.3540, 44.5951, 49.6087

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.



38.9980, 41.7694, 47.8958



40.7360, 41.7694, 44.4434



38.6388, 41.7694, 44.9165

Square

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



40.7360, 41.7694, 44.4434



39.3370, 41.7694, 42.6027



38.6828, 41.7694, 46.5321



40.0663, 41.7694, 48.4836

Rectangle

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



40.7360, 41.7694, 44.4434



40.0823, 41.7694, 42.6185



38.6828, 41.7694, 46.5321



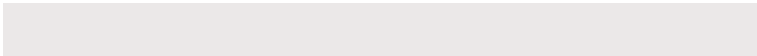
39.3213, 41.7694, 48.4663

Sweetspot

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



40.7372, 41.7712, 44.4443



77.6590, 81.2916, 88.1310



41.6241, 42.1251, 49.1177



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.



40.7372, 41.7712, 44.4443



72.8490, 74.2537, 78.5674



41.6011, 43.4991, 44.7323



8.7989, 8.9480, 9.4475



13.1374, 6.7734, 0.6150



0.4134, 0.2133, 0.0194

Inverse Universe

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



41.3540, 44.5951, 49.6087



74.2043, 80.4577, 89.9135



40.4609, 42.8088, 49.3110



8.9742, 9.7507, 10.9154



17.1325, 25.0653, 34.0721



0.5391, 0.7888, 1.0721

Previews

White Background



This preview shows how the XYZ color 40.7360, 41.7694, 44.4434 looks on a white background.

Color Contrast Check

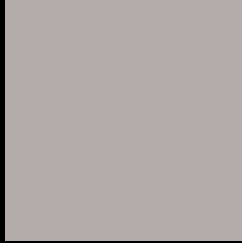
Large Text (above 18pt) WCAG AA × Fail

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 40.7360, 41.7694, 44.4434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

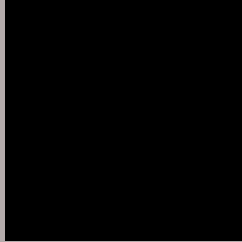
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

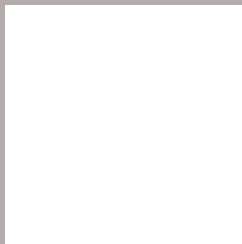
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.7360, 41.7694, 44.4434

Background



This preview shows how black text looks on a background with the XYZ color 40.7360, 41.7694, 44.4434.

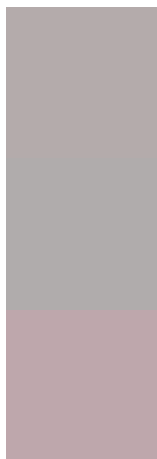


This preview shows how white text looks on a background with the XYZ color 40.7360, 41.7694,

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

40.7360, 41.7694, 44.4434

Protanopia

40.1034, 41.7137, 44.9676

Deuteranopia

42.5003, 41.5631, 44.8122



Tritanopia

42.0266, 41.7399, 50.6413

Trichromacy



Original Color

40.7360, 41.7694, 44.4434

Protanomaly

40.3304, 41.8307, 44.9782

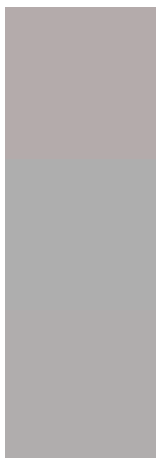
Deuteranomaly

41.6987, 41.4229, 44.8274

Tritanomaly

41.5675, 41.8279, 48.5306

Monochromacy



Original Color

40.7360, 41.7694, 44.4434

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.3909, 42.1344, 45.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7360, 41.7694, 44.4434 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(180, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 171, 171) }
```

Border

The CSS property to change the border of an element to XYZ 40.7360, 41.7694, 44.4434 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(180, 171, 171) }
```


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

```
.border{ border-color:rgb(180, 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(180, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 171,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7360, 41.7694, 44.4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 171, 171) }
```

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

```
.background{ background-color: rgb(180,  
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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