

Converting Colors

XYZ(40.7318, 40.7775, 39.4710)

Have a look what the booklet for
XYZ(40.7318, 40.7775, 39.4710)
contains.

XYZ(40.7453, 40.7754, 39.4412)	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(40.7453, 40.7754,
39.4412)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA7A1
RGB	187, 167, 161
RGB Percent	73%, 65%, 63%
CMY	0.2667, 0.3451, 0.3686
CMYK	0.00, 0.11, 0.14, 0.27
HSL	14°, 16%, 68%
HSV	14°, 14%, 73%
XYZ	40.7453, 40.7754, 39.4412
YIQ	172.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

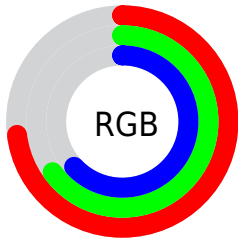
Format	Color
RYB	187, 169, 161
Decimal	12298145
CIELab	70.02, 6.24, 5.74
CIElCh	70, 8.476, 42.605
Yxy	40.7754, 0.3368, 0.3371
Android (android.graphics.Color)	4290488225 (0xFFBBA7A1)
YUV	172.2960, -5.5689, 12.8954
Hunter-Lab	63.8556, 2.1508, 8.0777

Details

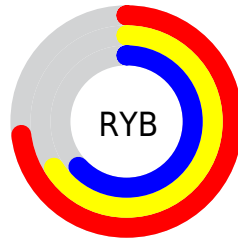
The XYZ color **40.7453, 40.7754, 39.4412** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1914, 44.2120, 53.4297**, and the grayscale version is **39.3859, 41.4371, 45.1250**.

A 20% lighter version of the original color is **75.4781, 76.2551, 75.7063**, and **18.7767, 18.4556, 17.3245** is the 20% darker color. If you saturate the color by 10%, you get **36.7283, 35.1859, 30.5657**, and if you desaturate by 10%, it is **45.3042, 47.0533, 49.7151**.

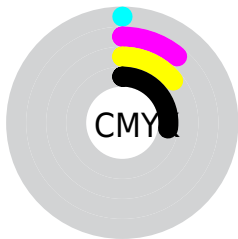
Distribution



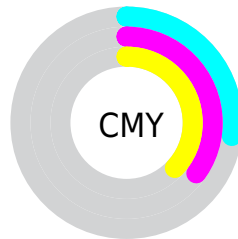
- Red (73%)
- Green (65%)
- Blue (63%)



- Red (73%)
- Yellow (66%)
- Blue (63%)



- Cyan (0%)
- Magenta (11%)
- Yellow (14%)
- Black (27%)





- Cyan (27%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.7453, 40.7754, 39.4412 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 40.7453, 40.7754, 39.4412 by changing the saturation by 10% instead.

 40.7453, 40.7754,
39.4412


 40.7453, 40.7754,
39.4412


340.3358,
349.3810, 359.2445

 28.3069, 28.1436,
26.7927


 75.5743, 76.3428,
75.5396

 18.6988, 18.4340,
17.1865


 98.6955, 100.0473,
99.8265

 11.5555, 11.2620,
10.2042


126.1085,
128.2114, 128.8300

 6.5118, 6.2433,
5.4272

158.1785,
161.2196, 162.9686

 3.2023, 2.9936,
2.4369

195.2708,
199.4563, 202.6607

 1.2616, 1.1284,
0.8065

237.7509,

 0.1542, 0.0020,

243.3058, 248.3251

0.0000

285.9841,
293.1526, 300.3802

■ 0.0000, 0.0000,
0.0000

■ 40.7453, 40.7754,
39.4412

■ 40.7453, 40.7754,
39.4412

■ 36.7283, 35.1859,
30.5657

■ 45.3042, 47.0533,
49.7151

■ 33.2295, 30.2558,
23.0254

■ 50.4211, 54.0366,
61.4419

■ 30.2282, 25.9623,
16.7560

■ 56.1155, 61.7481,
74.6760

■ 27.7010, 22.2788,
11.6869

■ 62.4048, 70.2085,
89.4685

■ 25.6225, 19.1772,
7.7404

■ 69.3058, 79.4371,
105.8679

■ 23.9648, 16.6268,
4.8299

■ 73.7636, 88.2245,
107.7490

■ 22.6968, 14.5939,
2.8557

■ 74.3038, 89.3049,
107.9291

■ 21.7820, 13.0411,
1.6980

■ 21.3641, 12.3055,
1.2492

Harmonies

Analogous

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



41.4080, 40.7754, 42.7569



40.7453, 40.7754, 39.4412



39.5559, 40.7754, 37.5223

Triad

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



40.7453, 40.7754, 39.4412



36.2743, 40.7754, 42.1604



39.3387, 40.7754, 52.2484

Complementary

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



40.7453, 40.7754, 39.4412



40.1914, 44.2120, 53.4297

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.



37.9666, 40.7754, 52.0650



40.7453, 40.7754, 39.4412



36.2193, 40.7754, 46.0795

Square

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



40.7453, 40.7754, 39.4412



36.9842, 40.7754, 39.0269



36.8321, 40.7754, 49.7525



40.5831, 40.7754, 50.2395

Rectangle

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



40.7453, 40.7754, 39.4412



38.6351, 40.7754, 37.2189



36.8321, 40.7754, 49.7525



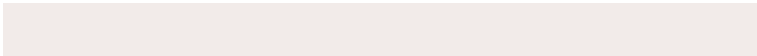
38.8767, 40.7754, 52.4444

Sweetspot

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



40.7464, 40.7772, 39.4421



80.9993, 84.0802, 88.7216



41.6172, 39.4064, 49.3269



17.6938, 18.3190, 19.2119



90.7827, 95.5105, 104.0109



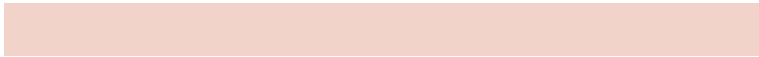
18.6292, 19.5994, 21.3438

Same Dimension

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



40.7464, 40.7772, 39.4421



70.4435, 69.5199, 65.0059



43.1745, 45.6333, 40.2514



9.7042, 9.8843, 9.9730



14.7665, 8.5717, 0.8762



0.6298, 0.4385, 0.0514

Inverse Universe

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



40.1914, 44.2120, 53.4297



69.2359, 76.9842, 95.4117



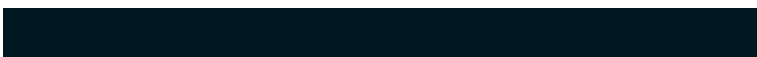
37.7386, 39.3064, 52.6121



9.6168, 10.4258, 12.1777



13.0903, 16.2923, 34.8477



0.5592, 0.7311, 1.3805

Previews

White Background



This preview shows how the XYZ color 40.7453, 40.7754, 39.4412 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 40.7453, 40.7754, 39.4412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

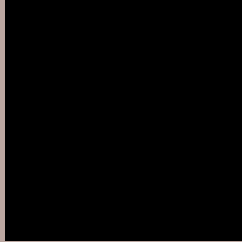
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7453, 40.7754, 39.4412

Background



This preview shows how black text looks on a background with the XYZ color 40.7453, 40.7754, 39.4412.



This preview shows how white text looks on a background with the XYZ color 40.7453, 40.7754,

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

40.7453, 40.7754, 39.4412

Protanopia

39.0783, 41.0003, 40.5045

Deuteranopia

41.3740, 40.5598, 39.3664



Tritanopia

42.3772, 40.9034, 47.2566

Trichromacy



Original Color

40.7453, 40.7754, 39.4412

Protanomaly

39.7187, 41.0614, 40.0147

Deuteranomaly

41.3044, 40.7928, 39.4150

Tritanomaly

41.7259, 40.9041, 44.2242

Monochromacy



Original Color

40.7453, 40.7754, 39.4412

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.5741, 40.9237, 42.8591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7453, 40.7754, 39.4412 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(187, 167, 161)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 161)  
}
```

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(187, 167, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 161) }
```

Border

The CSS property to change the border of an element to XYZ 40.7453, 40.7754, 39.4412 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(187, 167, 161) }
```


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

```
.border{ border-color:rgb(187, 167, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 167, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 167, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 167, 161);  
box-shadow:4px 4px 4px 4px rgb(187, 167,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7453, 40.7754, 39.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 161) }
```

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

```
.background{ background-color: rgb(187,  
167, 161) }
```

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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