

Converting Colors

XYZ(40.4527, 38.7742, 50.6995)

Have a look what the booklet for
XYZ(40.4527, 38.7742, 50.6995)
contains.

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Color

**XYZ(40.4527, 38.7742,
50.6995)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A1B8
RGB	181, 161, 184
RGB Percent	71%, 63%, 72%
CMY	0.2902, 0.3686, 0.2784
CMYK	0.02, 0.12, 0.00, 0.28
HSL	292°, 14%, 68%
HSV	292°, 12%, 72%
XYZ	40.4527, 38.7742, 50.6995
YIQ	169.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

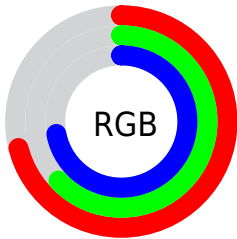
Format	Color
R_{YB}	181, 161, 184
Decimal	11903416
CIE _{Lab}	68.59, 11.50, -9.18
CIE _{LCh}	69, 14.714, 321.417
Yxy	38.7742, 0.3114, 0.2984
Android (android.graphics.Color)	4290093496 (0xFFB5A1B8)
YUV	169.6020, 7.0982, 9.9960
Hunter-Lab	62.2689, 6.9910, -4.6858

Details

The XYZ color **40.4527, 38.7742, 50.6995** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.8847, 44.7477, 40.3079**, and the grayscale version is **37.9757, 39.9534, 43.5093**.

A 20% lighter version of the original color is **75.2091, 73.4075, 92.6432**, and **18.4675, 17.1652, 23.8126** is the 20% darker color. If you saturate the color by 10%, you get **36.9134, 32.5233, 49.6801**, and if you desaturate by 10%, it is **44.4772, 45.9798, 51.8788**.

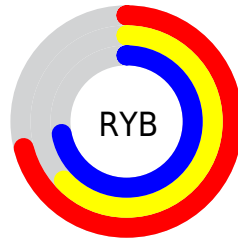
Distribution



Red (71%)

Green (63%)

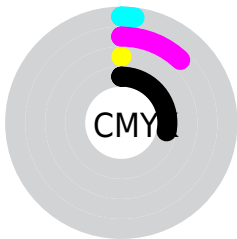
Blue (72%)



Red (71%)

Yellow (63%)

Blue (72%)

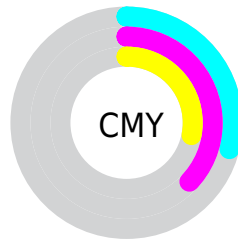


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4527, 38.7742, 50.6995 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 40.4527, 38.7742, 50.6995 by changing the saturation by 10% instead.

■ 40.4527, 38.7742,
50.6995

■ 40.4527, 38.7742,
50.6995

339.1297,
340.9295, 406.2083

■ 28.0775, 26.5841,
35.5944

■ 75.1323, 73.2932,
92.6174

■ 18.5248, 17.2611,
23.8339

■ 98.1675, 96.3910,
120.2673

■ 11.4294, 10.4208,
14.9994

125.4866,
123.8934, 152.9359

■ 6.4258, 5.6789,
8.6724

157.4551,
156.1849, 191.0417

■ 3.1488, 2.6508,
4.4342

194.4383,
193.6499, 235.0034

■ 1.2329, 0.9523,
1.8664

236.8016,

■ 0.1321, 0.0000,

236.6727, 285.2393

0.4713

284.9103,
285.6378, 342.1681

■ 0.0000, 0.0000,
0.0000

■ 40.4527, 38.7742,
50.6995

■ 40.4527, 38.7742,
50.6995

■ 36.9134, 32.5233,
49.6801

■ 44.4772, 45.9798,
51.8788

■ 33.8352, 27.1808,
48.8111

■ 49.0028, 54.1738,
53.2219

■ 31.1970, 22.7043,
48.0861

■ 54.0489, 63.3943,
54.7356

■ 28.9750, 19.0458,
47.4970

■ 59.6329, 73.6760,
56.4259

■ 27.1427, 16.1526,
47.0352

■ 65.7713, 85.0519,
58.2981

■ 25.6707, 13.9660,
46.6907

■ 67.0214, 86.6364,
58.5381

■ 24.5253, 12.4187,
46.4524

■ 67.6483, 86.9596,
58.5674

■ 23.6662, 11.4301,
46.3069

■ 68.2851, 87.2879,
58.5972

■ 23.1492, 10.9344,
46.2385

■ 68.9321, 87.6214,
58.6275

Harmonies

Analogous

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



38.5071, 38.7742, 55.2666



40.4527, 38.7742, 50.6995



41.4439, 38.7742, 44.1544

Triad

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



40.4527, 38.7742, 50.6995



37.5236, 38.7742, 30.8020



32.8541, 38.7742, 47.0585

Complementary

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



40.4527, 38.7742, 50.6995



38.8847, 44.7477, 40.3079

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.



32.6156, 38.7742, 40.3401



40.4527, 38.7742, 50.6995



35.2484, 38.7742, 31.4050

Square

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



40.4527, 38.7742, 50.6995



39.7069, 38.7742, 32.9968



33.4748, 38.7742, 34.7403



34.1406, 38.7742, 53.0158

Rectangle

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



40.4527, 38.7742, 50.6995



41.4025, 38.7742, 39.7392



33.4748, 38.7742, 34.7403



32.6509, 38.7742, 44.7988

Sweetspot

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



40.4538, 38.7759, 50.7003



79.4226, 81.1845, 93.6888



36.6387, 37.6144, 50.6772



16.9995, 17.2817, 20.1613



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.4538, 38.7759, 50.7003



71.4803, 67.0020, 91.3699



40.3069, 38.7992, 46.2156



9.2626, 9.1017, 11.3481



15.9964, 7.5576, 31.8687



0.5963, 0.2831, 1.1250

Inverse Universe

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



39.2142, 38.3621, 40.4616



68.8045, 66.1129, 69.0900



39.0420, 44.7399, 44.3292



9.0510, 9.0308, 9.6161



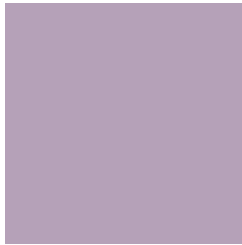
13.7522, 7.0747, 1.3161



0.5003, 0.2556, 0.1280

Previews

White Background



This preview shows how the XYZ color 40.4527, 38.7742, 50.6995 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 40.4527, 38.7742, 50.6995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

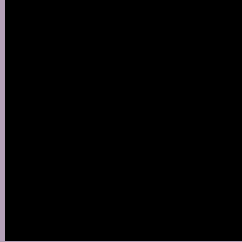
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4527, 38.7742, 50.6995

Background



This preview shows how black text looks on a background with the XYZ color 40.4527, 38.7742, 50.6995.



This preview shows how white text looks on a background with the XYZ color 40.4527, 38.7742,

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

40.4527, 38.7742, 50.6995

Protanopia

37.9157, 38.7528, 52.4954

Deuteranopia

39.6534, 38.8852, 50.7630



Tritanopia

39.4806, 38.6391, 45.9347

Trichromacy



Original Color

40.4527, 38.7742, 50.6995

Protanomaly

38.7159, 38.6421, 51.8725

Deuteranomaly

39.9322, 38.7663, 50.7254

Tritanomaly

39.7786, 38.7583, 47.5040

Monochromacy



Original Color

40.4527, 38.7742, 50.6995

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

39.0121, 39.7312, 46.1702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4527, 38.7742, 50.6995 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(181, 161, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 161, 184)  
}
```

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(181, 161, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 161, 184) }
```

Border

The CSS property to change the border of an element to XYZ 40.4527, 38.7742, 50.6995 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(181, 161, 184) }
```


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

```
.border{ border-color:rgb(181, 161, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 161, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 161, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 161, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 161,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4527, 38.7742, 50.6995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 161, 184) }
```

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

```
.background{ background-color: rgb(181,  
161, 184) }
```

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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