

Converting Colors

XYZ(41.9157, 40.8921, 53.8531)

Have a look what the booklet for
XYZ(41.9157, 40.8921, 53.8531)
contains.

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Color

**XYZ(41.8776, 40.7703,
53.8064)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A6BD
RGB	181, 166, 189
RGB Percent	71%, 65%, 74%
CMY	0.2902, 0.3490, 0.2588
CMYK	0.04, 0.12, 0.00, 0.26
HSL	279°, 15%, 70%
HSV	279°, 12%, 74%
XYZ	41.8776, 40.7703, 53.8064
YIQ	173.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

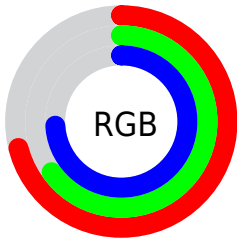
Format	Color
RYB	181, 166, 189
Decimal	11904701
CIELab	70.01, 9.71, -9.82
CIELCh	70, 13.813, 314.693
Yxy	40.7703, 0.3069, 0.2988
Android (android.graphics.Color)	4290094781 (0xFFB5A6BD)
YUV	173.1070, 7.8352, 6.9222
Hunter-Lab	63.8516, 5.3303, -5.2663

Details

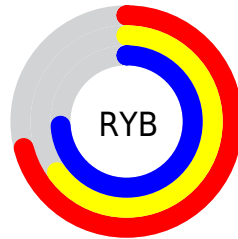
The XYZ color **41.8776, 40.7703, 53.8064** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.5375, 48.1481, 43.1299**, and the grayscale version is **39.7368, 41.8062, 45.5270**.

A 20% lighter version of the original color is **77.2629, 76.3100, 97.0433**, and **19.3633, 18.4014, 25.8238** is the 20% darker color. If you saturate the color by 10%, you get **37.1862, 33.6218, 52.6745**, and if you desaturate by 10%, it is **47.1491, 48.9696, 55.1118**.

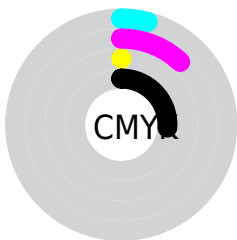
Distribution



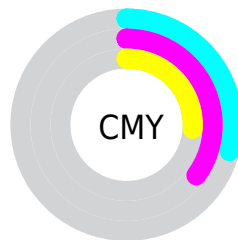
- Red (71%)
- Green (65%)
- Blue (74%)



- Red (71%)
- Yellow (65%)
- Blue (74%)



- Cyan (4%)
- Magenta (12%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8776, 40.7703, 53.8064 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 41.8776, 40.7703, 53.8064 by changing the saturation by 10% instead.

■ 41.8776, 40.7703,
53.8064

■ 41.8776, 40.7703,
53.8064

344.9756,
349.3597, 418.5251

■ 29.1962, 28.1396,
38.0548

■ 77.2807, 76.3351,
97.2435

■ 19.3743, 18.4310,
25.7230

■ 100.7330,
100.0380, 125.7660

■ 12.0466, 11.2598,
16.3927

128.5063,
128.2005, 159.3826

■ 6.8479, 6.2419,
9.6451

160.9660,
161.2068, 198.5117

■ 3.4126, 2.9927,
5.0618

198.4775,
199.4416, 243.5720

■ 1.3755, 1.1279,
2.2242

241.4059,

■ 0.2387, 0.0016,

243.2890, 294.9820

0.6883

290.1169,
293.1336, 353.1601

■ 0.0000, 0.0000,
0.0000

■ 41.8776, 40.7703,
53.8064

■ 41.8776, 40.7703,
53.8064

■ 37.1862, 33.6218,
52.6745

■ 47.1491, 48.9696,
55.1118

■ 33.0483, 27.4744,
51.7060

■ 53.0186, 58.2562,
56.5949

■ 29.4406, 22.2824,
50.8940

■ 59.5077, 68.6711,
58.2632

■ 26.3365, 17.9941,
50.2299

■ 66.6358, 80.2518,
60.1228

■ 23.7070, 14.5529,
49.7043

■ 72.6402, 89.4713,
61.5859

■ 21.5196, 11.8958,
49.3067

■ 74.5965, 90.4799,
61.6775

■ 19.7375, 9.9506,
49.0251

■ 76.6312, 91.5288,
61.7727

■ 18.3167, 8.6310,
48.8453

■ 78.7450, 92.6185,
61.8716

■ 17.3906, 7.9041,
48.7538

■ 80.9389, 93.7495,
61.9743

Harmonies

Analogous

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



39.8599, 40.7703, 57.5037



41.8776, 40.7703, 53.8064



43.0803, 40.7703, 47.7475

Triad

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



41.8776, 40.7703, 53.8064



39.9056, 40.7703, 33.4705



34.7106, 40.7703, 47.6131

Complementary

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



41.8776, 40.7703, 53.8064



42.5375, 48.1481, 43.1299

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.



34.7218, 40.7703, 41.1973



41.8776, 40.7703, 53.8064



37.6627, 40.7703, 33.4421

Square

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



41.8776, 40.7703, 53.8064



41.9121, 40.7703, 36.2270



35.7839, 40.7703, 36.1451



35.7529, 40.7703, 53.6998

Rectangle

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



41.8776, 40.7703, 53.8064



43.2298, 40.7703, 43.3847



35.7839, 40.7703, 36.1451



34.5926, 40.7703, 45.4146

Sweetspot

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



41.8788, 40.7720, 53.8073



82.5717, 84.7718, 98.2368



40.0585, 42.0742, 54.1546



17.5988, 17.9830, 21.0861



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.



41.8788, 40.7720, 53.8073



72.3137, 68.8914, 95.7122



43.4388, 41.6190, 51.9486



9.5990, 9.5257, 12.0049



11.7857, 5.3618, 32.8067



0.5297, 0.2451, 1.2882

Inverse Universe

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



42.2638, 41.1490, 45.7613



73.1934, 69.7399, 77.9075



41.1287, 47.3848, 44.7383



9.6635, 9.5897, 10.6170



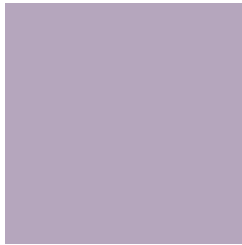
14.8097, 7.5550, 4.2916



0.6115, 0.3085, 0.3332

Previews

White Background



This preview shows how the XYZ color 41.8776, 40.7703, 53.8064 looks on a white background.

Color Contrast Check

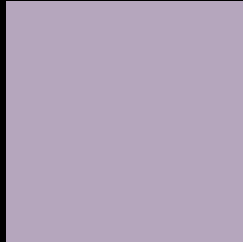
Large Text (above 18pt) WCAG AA × Fail

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 41.8776, 40.7703, 53.8064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

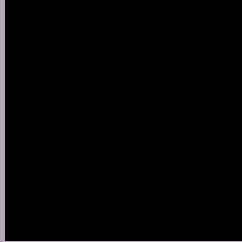
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.8776, 40.7703, 53.8064

Background



This preview shows how black text looks on a background with the XYZ color 41.8776, 40.7703, 53.8064.



This preview shows how white text looks on a background with the XYZ color 41.8776, 40.7703,

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

41.8776, 40.7703, 53.8064

Protanopia

39.9271, 40.8359, 55.0679

Deuteranopia

41.8264, 41.0149, 53.8563



Tritanopia

40.9816, 40.6769, 49.4075

Trichromacy



Original Color

41.8776, 40.7703, 53.8064

Protanomaly

40.7158, 40.9779, 54.4788

Deuteranomaly

41.8264, 41.0149, 53.8563

Tritanomaly

41.2928, 40.8014, 51.0465

Monochromacy



Original Color

41.8776, 40.7703, 53.8064

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.4159, 41.2342, 48.4767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8776, 40.7703, 53.8064 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, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 189)  
}
```

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, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 189) }
```

Border

The CSS property to change the border of an element to XYZ 41.8776, 40.7703, 53.8064 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, 166, 189) }
```


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

```
.border{ border-color:rgb(181, 166, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 189);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8776, 40.7703, 53.8064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 189) }
```

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

```
.background{ background-color: rgb(181,  
166, 189) }
```

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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