

Converting Colors

XYZ(43.7251, 41.7981, 50.8665)

Have a look what the booklet for
XYZ(43.7251, 41.7981, 50.8665)
contains.

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Color

**XYZ(43.7738, 41.8095,
51.1103)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA6B8
RGB	191, 166, 184
RGB Percent	75%, 65%, 72%
CMY	0.2510, 0.3490, 0.2784
CMYK	0.00, 0.13, 0.04, 0.25
HSL	317°, 16%, 70%
HSV	317°, 13%, 75%
XYZ	43.7738, 41.8095, 51.1103
YIQ	175.5270, 9.1220, 10.8980

Conversions

Conversions Part 2

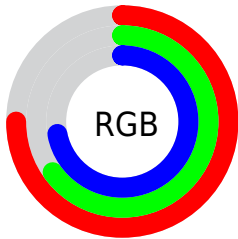
Format	Color
R_{YB}	191, 166, 184
Decimal	12560056
CIE _{Lab}	70.74, 12.25, -5.88
CIE _{LCh}	71, 13.589, 334.344
Yxy	41.8095, 0.3202, 0.3059
Android (android.graphics.Color)	4290750136 (0xFFBFA6B8)
YUV	175.5270, 4.1772, 13.5698
Hunter-Lab	64.6603, 7.6857, -1.6032

Details

The XYZ color **43.7738, 41.8095, 51.1103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.9011, 48.3869, 46.6686**, and the grayscale version is **40.9974, 43.1325, 46.9713**.

A 20% lighter version of the original color is **79.9424, 77.7783, 93.2374**, and **20.4306, 18.9917, 24.0617** is the 20% darker color. If you saturate the color by 10%, you get **40.0065, 35.1548, 47.1407**, and if you desaturate by 10%, it is **48.0803, 49.5076, 55.3653**.

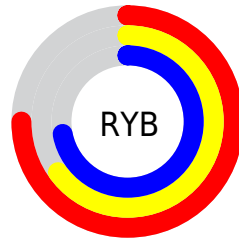
Distribution



Red (75%)

Green (65%)

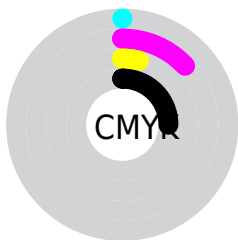
Blue (72%)



Red (75%)

Yellow (65%)

Blue (72%)

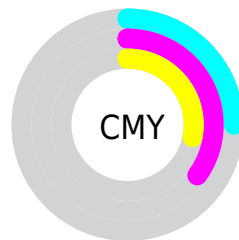


Cyan (0%)

Magenta (13%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (35%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7738, 41.8095, 51.1103 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 43.7738, 41.8095, 51.1103 by changing the saturation by 10% instead.


 43.7738, 41.8095,
51.1103


 43.7738, 41.8095,
51.1103


352.6522,
353.6926, 407.8510

 30.6899, 28.9522,
35.9191


 80.1257, 77.9112,
93.2310

 20.5135, 19.0446,
24.0825


 104.1244,
101.9244, 120.9975

 12.8793, 11.7025,
15.1821


132.4921,
130.4250, 153.7928

 7.4219, 6.5415,
8.7992

165.5940,
163.7973, 192.0355

 3.7760, 3.1770,
4.5154

203.7957,
202.4259, 236.1442

 1.5762, 1.2248,
1.9122

247.4624,

 0.3768, 0.0819,

246.6950, 286.5372

0.5005

296.9594,
296.9891, 343.6333

■ 0.0000, 0.0000,
0.0000

■ 43.7738, 41.8095,
51.1103

■ 43.7738, 41.8095,
51.1103

■ 40.0065, 35.1548,
47.1407

■ 48.0803, 49.5076,
55.3653

■ 36.7520, 29.4927,
43.4450

■ 52.9440, 58.2861,
59.9112

■ 33.9869, 24.7762,
40.0147

■ 58.3862, 68.1873,
64.7568

■ 31.6846, 20.9525,
36.8398

■ 64.4263, 79.2490,
69.9096

■ 29.8157, 17.9633,
33.9094

■ 68.9720, 87.2869,
74.6733

■ 28.3477, 15.7436,
31.2112

■ 69.6529, 87.5592,
78.2588

■ 27.2428, 14.2188,
28.7316

■ 70.3563, 87.8406,
81.9628

■ 26.4561, 13.2990,
26.4543

■ 71.0824, 88.1310,
85.7866

■ 26.0384, 12.8974,
24.9776

■ 71.8315, 88.4307,
89.7311

Harmonies

Analogous

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



42.2336, 41.8095, 56.5572



43.7738, 41.8095, 51.1103



44.2176, 41.8095, 44.5899

Triad

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



43.7738, 41.8095, 51.1103



39.4114, 41.8095, 34.2371



36.2674, 41.8095, 52.8893

Complementary

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



43.7738, 41.8095, 51.1103



41.9011, 48.3869, 46.6686

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.



35.5729, 41.8095, 46.4699



43.7738, 41.8095, 51.1103



37.3440, 41.8095, 36.0271

Square

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



43.7738, 41.8095, 51.1103



41.6444, 41.8095, 35.2288



35.9595, 41.8095, 40.3593



37.8920, 41.8095, 57.6505

Rectangle

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



43.7738, 41.8095, 51.1103



43.8185, 41.8095, 40.5973



35.9595, 41.8095, 40.3593



35.9203, 41.8095, 50.8327

Sweetspot

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



43.7750, 41.8113, 51.1112



85.3150, 87.2375, 98.3918



40.2019, 39.8824, 54.8700



18.5993, 18.9142, 21.4753



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



43.7750, 41.8113, 51.1112



76.1613, 70.9111, 89.2337



42.5539, 41.3229, 44.6810



9.8129, 9.6495, 11.4037



17.1476, 8.4902, 16.6027



0.6982, 0.3432, 0.7901

Inverse Universe

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



43.7750, 41.8113, 51.1112



76.1613, 70.9111, 89.2337



43.1326, 48.8795, 53.1536



9.8129, 9.6495, 11.4037



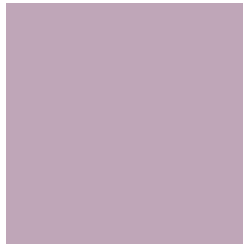
17.1476, 8.4902, 16.6027



0.6982, 0.3432, 0.7901

Previews

White Background



This preview shows how the XYZ color 43.7738, 41.8095, 51.1103 looks on a white background.

Color Contrast Check

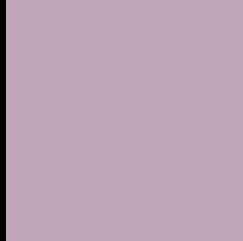
Large Text (above 18pt) WCAG AA × Fail

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 43.7738, 41.8095, 51.1103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

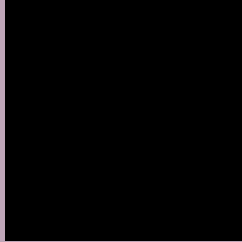
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7738, 41.8095, 51.1103

Background



This preview shows how black text looks on a background with the XYZ color 43.7738, 41.8095, 51.1103.



This preview shows how white text looks on a background with the XYZ color 43.7738, 41.8095,

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

43.7738, 41.8095, 51.1103

Protanopia

40.8429, 41.9065, 53.5131

Deuteranopia

42.6619, 41.7802, 51.1633



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

43.7738, 41.8095, 51.1103

Protanomaly

41.9348, 41.9210, 52.8951

Deuteranomaly

42.9640, 41.6629, 51.1247

Tritanomaly

43.3944, 41.9208, 49.5204

Monochromacy



Original Color

43.7738, 41.8095, 51.1103

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.9453, 42.5835, 48.6565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7738, 41.8095, 51.1103 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(191, 166, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 166, 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(191, 166, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 166, 184) }
```

Border

The CSS property to change the border of an element to XYZ 43.7738, 41.8095, 51.1103 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(191, 166, 184) }
```


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

```
.border{ border-color:rgb(191, 166, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 166, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 166, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 166, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 166,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7738, 41.8095, 51.1103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 166, 184) }
```

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

```
.background{ background-color: rgb(191,  
166, 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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