

Converting Colors

XYZ(46.9442, 47.7487, 60.8185)

Have a look what the booklet for
XYZ(46.9442, 47.7487, 60.8185)
contains.

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Color

**XYZ(47.0443, 47.8937,
60.7977)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B6C7
RGB	185, 182, 199
RGB Percent	73%, 71%, 78%
CMY	0.2745, 0.2863, 0.2196
CMYK	0.07, 0.09, 0.00, 0.22
HSL	251°, 13%, 75%
HSV	251°, 9%, 78%
XYZ	47.0443, 47.8937, 60.7977
YIQ	184.8350, -3.6690, 5.9230

Conversions

Conversions Part 2

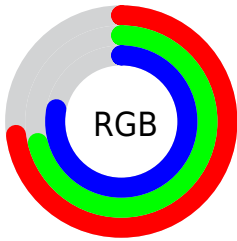
Format	Color
R_{YB}	185, 182, 199
Decimal	12170951
CIE Lab	74.76, 4.31, -8.21
CIE LCh	75, 9.277, 297.713
Yxy	47.8937, 0.3021, 0.3075
Android (android.graphics.Color)	4290361031 (0xFFB9B6C7)
YUV	184.8350, 6.9833, 0.1447
Hunter-Lab	69.2053, 0.2313, -3.6433

Details

The XYZ color **47.0443, 47.8937, 60.7977** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.6337, 55.9613, 52.3386**, and the grayscale version is **45.9874, 48.3824, 52.6884**.

A 20% lighter version of the original color is **84.9002, 87.0698, 106.9392**, and **22.4768, 22.6504, 29.9754** is the 20% darker color. If you saturate the color by 10%, you get **39.5263, 38.3930, 59.3608**, and if you desaturate by 10%, it is **55.6001, 58.7918, 62.4510**.

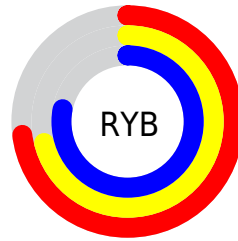
Distribution



Red (73%)

Green (71%)

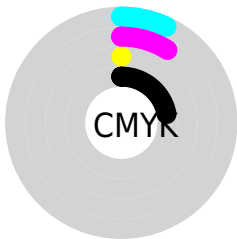
Blue (78%)



Red (73%)

Yellow (71%)

Blue (78%)

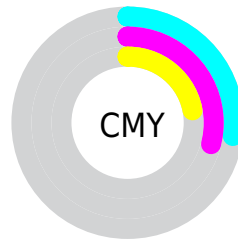


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0443, 47.8937, 60.7977 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 47.0443, 47.8937, 60.7977 by changing the saturation by 10% instead.

■ 47.0443, 47.8937,
60.7977

■ 47.0443, 47.8937,
60.7977

365.6373,
378.3706, 445.4179

■ 33.2788, 33.7427,
43.6324

■ 84.9981, 87.0461,
107.5406

■ 22.5003, 22.6960,
30.0466

109.9170,
112.8163, 137.9554

■ 14.3437, 14.3692,
19.6216

139.2845,
143.2284, 173.6237

■ 8.4434, 8.3779,
11.9389

173.4659,
178.6668, 214.9642

■ 4.4341, 4.3377,
6.5801

212.8265,
219.5158, 262.3953

■ 1.9505, 1.8642,
3.1265

257.7317,

■ 0.6060, 0.5267,

266.1598, 316.3355

1.1596

308.5468,
318.9833, 377.2036

■ 0.0000, 0.0000,
0.0000

■ 47.0443, 47.8937,
60.7977

■ 47.0443, 47.8937,
60.7977

■ 39.5263, 38.3930,
59.3608

■ 55.6001, 58.7918,
62.4510

■ 33.0023, 30.2270,
58.1285

■ 65.2271, 71.1345,
64.3260

■ 27.4313, 23.3373,
57.0923

■ 75.9623, 84.9742,
66.4316

■ 22.7680, 17.6588,
56.2420

■ 85.6964, 96.0723,
68.0607

■ 18.9631, 13.1207,
55.5666

■ 87.3089, 96.9036,
68.1361

■ 15.9629, 9.6445,
55.0538

■ 13.7069, 7.1418,
54.6896

■ 12.1259, 5.5093,
54.4578

■ 11.1208, 4.5889,
54.3331

Harmonies

Analogous

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



45.3924, 47.8937, 61.9757



47.0443, 47.8937, 60.7977



48.3146, 47.8937, 57.2610

Triad

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



47.0443, 47.8937, 60.7977



47.2734, 47.8937, 44.6935



42.3616, 47.8937, 51.7789

Complementary

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



47.0443, 47.8937, 60.7977



51.6337, 55.9613, 52.3386

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.



42.8382, 47.8937, 47.3490



47.0443, 47.8937, 60.7977



45.6509, 47.8937, 43.4186

Square

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



47.0443, 47.8937, 60.7977



48.4492, 47.8937, 47.9526



44.0320, 47.8937, 44.3604



42.7142, 47.8937, 56.5815

Rectangle

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



47.0443, 47.8937, 60.7977



48.7598, 47.8937, 54.1469



44.0320, 47.8937, 44.3604



42.4299, 47.8937, 50.1991

Sweetspot

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



47.0457, 47.8957, 60.7988



90.3776, 94.0403, 107.9959



49.3793, 53.6250, 61.7816



19.0835, 19.7959, 23.0651



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.0457, 47.8957, 60.7988



80.1384, 81.0275, 106.0239



49.1157, 48.9629, 60.8956



10.2282, 10.3759, 13.3812



7.1292, 2.9095, 34.9302



0.3927, 0.1662, 1.6565

Inverse Universe

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



50.2466, 49.5857, 59.1497



86.7323, 84.5095, 102.5977



49.5255, 54.8745, 52.2399



10.9997, 10.7833, 12.9819



19.4779, 9.5407, 23.5241



0.9439, 0.4604, 1.2279

Previews

White Background



This preview shows how the XYZ color 47.0443, 47.8937, 60.7977 looks on a white background.

Color Contrast Check

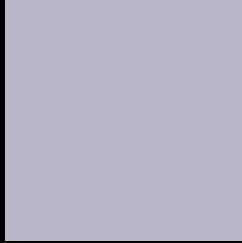
Large Text (above 18pt) WCAG AA × Fail

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 47.0443, 47.8937, 60.7977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

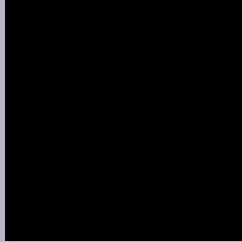
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.0443, 47.8937, 60.7977

Background



This preview shows how black text looks on a background with the XYZ color 47.0443, 47.8937, 60.7977.

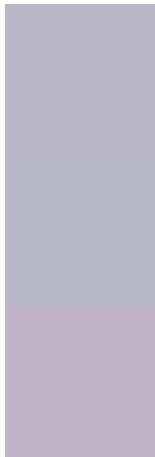


This preview shows how white text looks on a background with the XYZ color 47.0443, 47.8937,

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

47.0443, 47.8937, 60.7977

Protanopia

46.7707, 48.0578, 60.8438

Deuteranopia

49.0511, 48.0124, 61.3256



Tritanopia

46.8136, 47.8014, 59.5826

Trichromacy



Original Color

47.0443, 47.8937, 60.7977

Protanomaly

47.0095, 48.1808, 60.8550

Deuteranomaly

48.2324, 47.8890, 61.3450

Tritanomaly

46.9286, 47.8474, 60.1882

Monochromacy



Original Color

47.0443, 47.8937, 60.7977

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.4423, 48.3130, 55.5928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0443, 47.8937, 60.7977 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(185, 182, 199) looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 199)  
}
```

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(185, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 199) }
```

Border

The CSS property to change the border of an element to XYZ 47.0443, 47.8937, 60.7977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

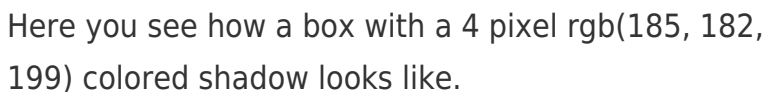
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 182, 199) }
```


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

```
.border{ border-color:rgb(185, 182, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 182, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 182, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 182, 199); box-shadow:4px 4px 4px 4px rgb(185, 182, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0443, 47.8937, 60.7977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 199) }
```

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

```
.background{ background-color: rgb(185,  
182, 199) }
```

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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