

Converting Colors

XYZ(42.6523, 42.4814, 48.4006)

Have a look what the booklet for
XYZ(42.6523, 42.4814, 48.4006)
contains.

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Color

**XYZ(42.5190, 42.3184,
48.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AAB3
RGB	185, 170, 179
RGB Percent	73%, 67%, 70%
CMY	0.2745, 0.3333, 0.2980
CMYK	0.00, 0.08, 0.03, 0.27
HSL	324°, 10%, 70%
HSV	324°, 8%, 73%
XYZ	42.5190, 42.3184, 48.5751
YIQ	175.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

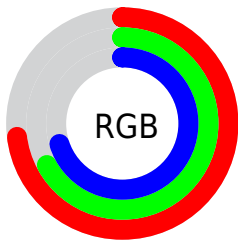
Format	Color
RYB	185, 170, 179
Decimal	12167859
CIELab	71.09, 7.01, -2.67
CIELCh	71, 7.502, 339.190
Yxy	42.3184, 0.3187, 0.3172
Android (android.graphics.Color)	4290357939 (0xFFB9AAB3)
YUV	175.5110, 1.7201, 8.3219
Hunter-Lab	65.0526, 2.8273, 1.2647

Details

The XYZ color **42.5190, 42.3184, 48.5751** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7646, 46.3797, 47.8275**, and the grayscale version is **41.0026, 43.1379, 46.9772**.

A 20% lighter version of the original color is **78.1962, 78.5494, 89.6374**, and **19.7600, 19.3688, 22.4357** is the 20% darker color. If you saturate the color by 10%, you get **38.5638, 35.5735, 43.6622**, and if you desaturate by 10%, it is **47.0049, 50.0591, 53.8642**.

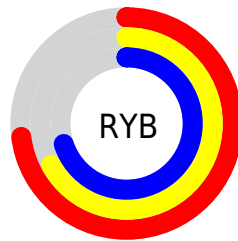
Distribution



Red (73%)

Green (67%)

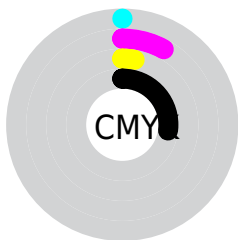
Blue (70%)



Red (73%)

Yellow (67%)

Blue (70%)

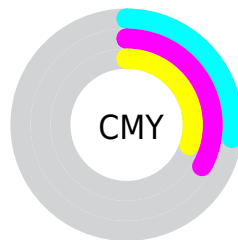


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.5190, 42.3184, 48.5751 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 42.5190, 42.3184, 48.5751 by changing the saturation by 10% instead.

■ 42.5190, 42.3184,
48.5751

■ 42.5190, 42.3184,
48.5751

347.5850,
355.8011, 397.6415

■ 29.7008, 29.3507,
33.9193

■ 78.2448, 78.6813,
89.4345

■ 19.7585, 19.3463,
22.5548

101.8830,
102.8452, 116.4752

■ 12.3269, 11.9208,
14.0629

129.8586,
131.5101, 148.4813

■ 7.0405, 6.6897,
8.0252

162.5370,
165.0602, 185.8713

■ 3.5340, 3.2688,
4.0231

200.2835,
203.8799, 229.0638

■ 1.4420, 1.2736,
1.6380

243.4634,

■ 0.2859, 0.1207,

248.3538, 278.4773

0.3177

292.4421,
298.8660, 334.5303

■ 0.0000, 0.0000,
0.0000

■ 42.5190, 42.3184,
48.5751

■ 42.5190, 42.3184,
48.5751

■ 38.5638, 35.5735,
43.6622

■ 47.0049, 50.0591,
53.8642

■ 35.1147, 29.7781,
39.1128

■ 52.0375, 58.8286,
59.5362

■ 32.1506, 24.8904,
34.9170

■ 57.6366, 68.6649,
65.6014

■ 29.6475, 20.8634,
31.0637

■ 63.8201, 79.6027,
72.0684

■ 27.5791, 17.6457,
27.5408

■ 68.1637, 86.7928,
78.1321

■ 25.9165, 15.1805,
24.3353

■ 69.1426, 87.1843,
83.2869

■ 24.6269, 13.4034,
21.4327

■ 70.1652, 87.5934,
88.6717

■ 23.6722, 12.2393,
18.8167

■ 71.2320, 88.0201,
94.2892

■ 22.9921, 11.5690,
16.4635

■ 72.3435, 88.4647,
100.1424

Harmonies

Analogous

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



41.7655, 42.3184, 51.6405



42.5190, 42.3184, 48.5751



42.6503, 42.3184, 44.9833

Triad

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



42.5190, 42.3184, 48.5751



39.8385, 42.3184, 39.5903



38.3821, 42.3184, 50.5810

Complementary

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



42.5190, 42.3184, 48.5751



41.7646, 46.3797, 47.8275

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.



37.8884, 42.3184, 47.1894



42.5190, 42.3184, 48.5751



38.7177, 42.3184, 40.9291

Square

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



42.5190, 42.3184, 48.5751



41.0852, 42.3184, 39.9184



38.0100, 42.3184, 43.6671



39.3717, 42.3184, 52.8398

Rectangle

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



42.5190, 42.3184, 48.5751



42.3647, 42.3184, 42.7906



38.0100, 42.3184, 43.6671



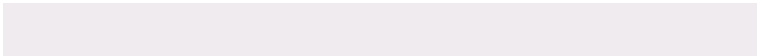
38.1536, 42.3184, 49.5286

Sweetspot

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



42.5202, 42.3202, 48.5760



80.9154, 83.9959, 92.6692



41.0378, 41.4844, 51.7440



17.4624, 18.1400, 19.9995



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.



42.5202, 42.3202, 48.5760



74.6185, 73.1656, 85.1335



41.7822, 42.0251, 44.6899



9.2247, 9.1002, 10.5305



15.6132, 7.8190, 11.1160



0.5801, 0.2875, 0.5482

Inverse Universe

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



42.5202, 42.3202, 48.5760



74.6185, 73.1656, 85.1335



42.5273, 46.6848, 51.8435



9.2247, 9.1002, 10.5305



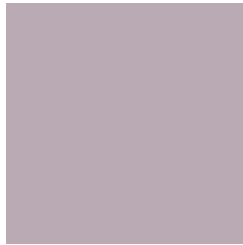
15.6132, 7.8190, 11.1160



0.5801, 0.2875, 0.5482

Previews

White Background



This preview shows how the XYZ color 42.5190, 42.3184, 48.5751 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 42.5190, 42.3184, 48.5751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

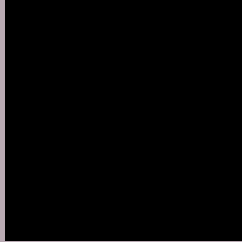
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.5190, 42.3184, 48.5751

Background



This preview shows how black text looks on a background with the XYZ color 42.5190, 42.3184, 48.5751.



This preview shows how white text looks on a background with the XYZ color 42.5190, 42.3184,

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

42.5190, 42.3184, 48.5751

Protanopia

40.9633, 42.3373, 49.7290

Deuteranopia

43.3109, 42.4494, 48.5587



Tritanopia

42.9849, 42.2339, 50.6862

Trichromacy



Original Color

42.5190, 42.3184, 48.5751

Protanomaly

41.5811, 42.3840, 49.1694

Deuteranomaly

43.0637, 42.3220, 48.5471

Tritanomaly

42.8812, 42.1924, 50.1398

Monochromacy



Original Color

42.5190, 42.3184, 48.5751

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.6623, 43.0301, 47.7048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.5190, 42.3184, 48.5751 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, 170, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 170, 179)  
}
```

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, 170, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 170, 179) }
```

Border

The CSS property to change the border of an element to XYZ 42.5190, 42.3184, 48.5751 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, 170, 179) }
```


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

```
.border{ border-color:rgb(185, 170, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 170, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 170, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 170, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 170,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 42.5190, 42.3184, 48.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 170, 179) }
```

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

```
.background{ background-color: rgb(185,  
170, 179) }
```

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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