

Converting Colors

XYZ(42.3144, 42.2316, 49.9236)

Have a look what the booklet for
XYZ(42.3144, 42.2316, 49.9236)
contains.

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Color

**XYZ(42.3467, 42.1941,
50.1683)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AAB6
RGB	183, 170, 182
RGB Percent	72%, 67%, 71%
CMY	0.2823, 0.3333, 0.2863
CMYK	0.00, 0.07, 0.01, 0.28
HSL	305°, 8%, 69%
HSV	305°, 7%, 72%
XYZ	42.3467, 42.1941, 50.1683
YIQ	175.2550, 3.8960, 6.4880

Conversions

Conversions Part 2

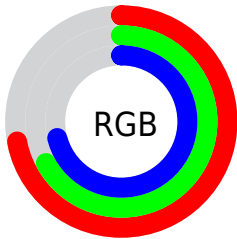
Format	Color
R_{YB}	183, 170, 182
Decimal	12036790
CIE Lab	71.00, 6.86, -4.47
CIE LCh	71, 8.188, 326.952
Yxy	42.1941, 0.3144, 0.3132
Android (android.graphics.Color)	4290226870 (0xFFB7AAB6)
YUV	175.2550, 3.3253, 6.7924
Hunter-Lab	64.9570, 2.6928, -0.3216

Details

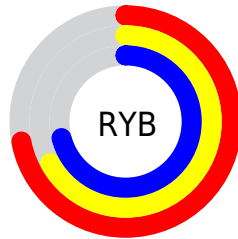
The XYZ color **42.3467, 42.1941, 50.1683** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8634, 45.3546, 45.1309**, and the grayscale version is **40.8625, 42.9905, 46.8167**.

A 20% lighter version of the original color is **77.9544, 78.3742, 91.9080**, and **19.6468, 19.2877, 23.4563** is the 20% darker color. If you saturate the color by 10%, you get **39.0078, 35.7475, 48.3412**, and if you desaturate by 10%, it is **46.1671, 49.6001, 52.1641**.

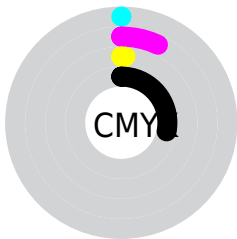
Distribution



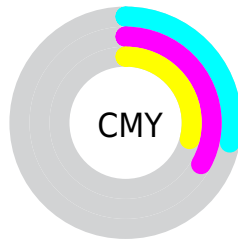
- Red (72%)
- Green (67%)
- Blue (71%)



- Red (72%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3467, 42.1941, 50.1683 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 42.3467, 42.1941, 50.1683 by changing the saturation by 10% instead.

■ 42.3467, 42.1941,
50.1683

■ 42.3467, 42.1941,
50.1683

346.8854,
355.2869, 404.0776

■ 29.5652, 29.2533,
35.1750

■ 77.9859, 78.4933,
91.8231

■ 19.6552, 19.2725,
23.5131

101.5744,
102.6205, 119.3216

■ 12.2515, 11.8674,
14.7640

129.4958,
131.2453, 151.8257

■ 6.9886, 6.6534,
8.5091

162.1156,
164.7521, 189.7538

■ 3.5012, 3.2463,
4.3300

199.7991,
203.5252, 233.5245

■ 1.4240, 1.2616,
1.8081

242.9116,

■ 0.2733, 0.1112,

247.9492, 283.5564

0.4333

291.8186,
298.4083, 340.2679

■ 0.0000, 0.0000,
0.0000

■ 42.3467, 42.1941,
50.1683

■ 42.3467, 42.1941,
50.1683

■ 39.0078, 35.7475,
48.3412

■ 46.1671, 49.6001,
52.1641

■ 36.1270, 30.2154,
46.6735

■ 50.4837, 57.9968,
54.3322

■ 33.6847, 25.5579,
45.1591

■ 55.3153, 67.4212,
56.6791

■ 31.6582, 21.7297,
43.7905

■ 60.6786, 77.9064,
59.2105

■ 30.0228, 18.6816,
42.5594

■ 64.4789, 85.2635,
61.2283

■ 28.7515, 16.3590,
41.4568

■ 64.6326, 85.3250,
62.0379

■ 27.8133, 14.7005,
40.4723

■ 64.7879, 85.3871,
62.8553

■ 27.1725, 13.6346,
39.5940

■ 64.9446, 85.4498,
63.6806

■ 26.7782, 13.0593,
38.8050

■ 65.1028, 85.5131,
64.5137

Harmonies

Analogous

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



41.3067, 42.1941, 52.9800



42.3467, 42.1941, 50.1683



42.7850, 42.1941, 46.3434

Triad

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



42.3467, 42.1941, 50.1683



40.2441, 42.1941, 38.8316



37.8079, 42.1941, 49.4372

Complementary

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



42.3467, 42.1941, 50.1683



40.8634, 45.3546, 45.1309

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.



37.5378, 42.1941, 45.5433



42.3467, 42.1941, 50.1683



38.9253, 42.1941, 39.5570

Square

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



42.3467, 42.1941, 50.1683



41.5539, 42.1941, 39.9202



37.9424, 42.1941, 41.9604



38.6887, 42.1941, 52.5413

Rectangle

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



42.3467, 42.1941, 50.1683



42.6699, 42.1941, 43.7833



37.9424, 42.1941, 41.9604



37.6436, 42.1941, 48.1709

Sweetspot

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



42.3479, 42.1959, 50.1692



79.2011, 82.0748, 91.6238



39.6893, 40.8134, 50.5865



17.5090, 18.1587, 20.2452



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.



42.3479, 42.1959, 50.1692



74.5503, 73.0705, 89.1568



41.7048, 41.9387, 46.7828



9.3503, 9.1505, 11.1921



18.6251, 9.0238, 26.9765



0.6655, 0.3217, 0.9979

Inverse Universe

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



42.3479, 42.1959, 50.1692



74.5503, 73.0705, 89.1568



41.4850, 45.6032, 48.4041



9.3503, 9.1505, 11.1921



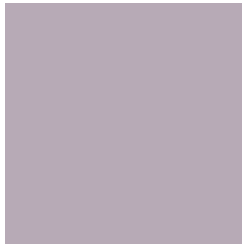
18.6251, 9.0238, 26.9765



0.6655, 0.3217, 0.9979

Previews

White Background



This preview shows how the XYZ color 42.3467, 42.1941, 50.1683 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 42.3467, 42.1941, 50.1683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

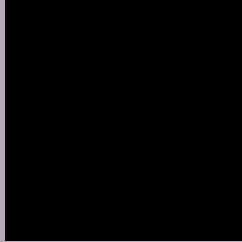
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.3467, 42.1941, 50.1683

Background



This preview shows how black text looks on a background with the XYZ color 42.3467, 42.1941, 50.1683.



This preview shows how white text looks on a background with the XYZ color 42.3467, 42.1941,

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

42.3467, 42.1941, 50.1683

Protanopia

41.0509, 42.3465, 51.3575

Deuteranopia

43.1250, 42.3181, 50.1513



Tritanopia

42.4504, 42.2356, 50.7147

Trichromacy



Original Color

42.3467, 42.1941, 50.1683

Protanomaly

41.4312, 42.2711, 50.7752

Deuteranomaly

42.8812, 42.1924, 50.1398

Tritanomaly

42.4504, 42.2356, 50.7147

Monochromacy



Original Color

42.3467, 42.1941, 50.1683

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.3395, 42.5665, 48.1568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3467, 42.1941, 50.1683 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(183, 170, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 170, 182)  
}
```

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(183, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 170, 182) }
```

Border

The CSS property to change the border of an element to XYZ 42.3467, 42.1941, 50.1683 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(183, 170, 182) }
```


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

```
.border{ border-color:rgb(183, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 170,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3467, 42.1941, 50.1683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 170, 182) }
```

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

```
.background{ background-color: rgb(183,  
170, 182) }
```

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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