

Converting Colors

XYZ(45.8235, 49.1619, 51.2705)

Have a look what the booklet for
XYZ(45.8235, 49.1619, 51.2705)
contains.

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Color

**XYZ(45.7423, 48.9853,
51.3002)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BBB6
RGB	183, 187, 182
RGB Percent	72%, 73%, 71%
CMY	0.2823, 0.2666, 0.2863
CMYK	0.02, 0.00, 0.03, 0.27
HSL	108°, 4%, 72%
HSV	108°, 3%, 73%
XYZ	45.7423, 48.9853, 51.3002
YIQ	185.2340, -0.7790, -2.4030

Conversions

Conversions Part 2

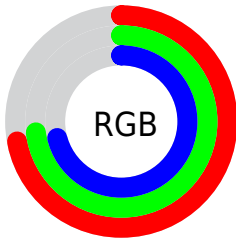
Format	Color
RYB	182, 187, 186
Decimal	12041142
CIELab	75.44, -2.32, 2.03
CIELCh	75, 3.083, 138.757
Yxy	48.9853, 0.3132, 0.3355
Android (android.graphics.Color)	4290231222 (0xFFB7BBB6)
YUV	185.2340, -1.5944, -1.9592
Hunter-Lab	69.9895, -5.8213, 5.5349

Details

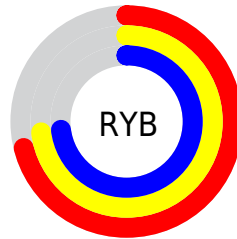
The XYZ color **45.7423, 48.9853, 51.3002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9490, 47.4841, 53.7597**, and the grayscale version is **46.2544, 48.6632, 52.9943**.

A 20% lighter version of the original color is **83.0798, 88.6250, 93.6165**, and **21.6935, 23.3810, 24.1385** is the 20% darker color. If you saturate the color by 10%, you get **40.5660, 46.5268, 41.6344**, and if you desaturate by 10%, it is **51.5579, 51.7463, 62.3452**.

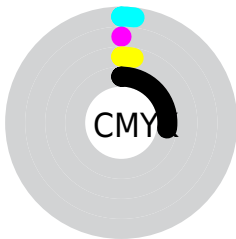
Distribution



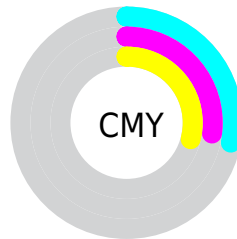
- Red (72%)
- Green (73%)
- Blue (71%)



- Red (71%)
- Yellow (73%)
- Blue (73%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7423, 48.9853, 51.3002 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 45.7423, 48.9853, 51.3002 by changing the saturation by 10% instead.

■ 45.7423, 48.9853,
51.3002

■ 45.7423, 48.9853,
51.3002

360.5050,
382.6844, 408.6088

■ 32.2463, 34.6078,
36.0692

■ 83.0634, 88.6696,
93.5144

■ 21.7061, 23.3609,
24.1975

107.6192,
114.7452, 121.3347

■ 13.7565, 14.8602,
15.2667

136.5923,
145.4891, 154.1885

■ 8.0321, 8.7214,
8.8580

170.3481,
181.2854, 192.4943

■ 4.1675, 4.5599,
4.5532

209.2519,
222.5187, 236.6707

■ 1.7973, 1.9914,
1.9335

253.6691,

■ 0.5160, 0.6025,

269.5734, 287.1362

0.5139

303.9650,
322.8339, 344.3094

■ 0.0000, 0.0000,
0.0000

■ 45.7423, 48.9853,
51.3002

■ 45.7423, 48.9853,
51.3002

■ 40.5660, 46.5268,
41.6344

■ 51.5579, 51.7463,
62.3452

■ 36.0028, 44.3544,
33.2905

■ 58.0294, 54.8132,
74.8173

■ 32.0310, 42.4594,
26.2121

■ 65.1782, 58.1972,
88.7659

■ 28.6259, 40.8305,
20.3374

■ 72.7315, 61.7904,
102.7011

■ 25.7611, 39.4555,
15.5992

■ 77.0612, 64.0225,
102.9037

■ 23.4078, 38.3213,
11.9241

■ 21.5348, 37.4134,
9.2299

■ 20.1068, 36.7158,
7.4221

■ 19.0836, 36.2101,
6.3882

Harmonies

Analogous

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



46.2086, 48.9853, 50.4282



45.7423, 48.9853, 51.3002



45.4956, 48.9853, 52.7289

Triad

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



45.7423, 48.9853, 51.3002



46.3464, 48.9853, 56.4651



47.6013, 48.9853, 52.3367

Complementary

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



45.7423, 48.9853, 51.3002



45.9490, 47.4841, 53.7597

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.



47.6390, 48.9853, 53.9491



45.7423, 48.9853, 51.3002



46.9113, 48.9853, 56.3549

Square

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



45.7423, 48.9853, 51.3002



45.8424, 48.9853, 55.7244



47.3855, 48.9853, 55.4263



47.2831, 48.9853, 51.0181

Rectangle

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



45.7423, 48.9853, 51.3002



45.4875, 48.9853, 53.8145



47.3855, 48.9853, 55.4263



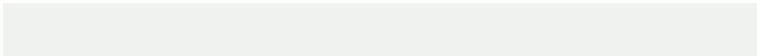
47.6473, 48.9853, 52.8617

Sweetspot

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



45.7437, 48.9874, 51.3013



83.5703, 88.5141, 94.9841



46.4979, 49.0622, 51.2759



18.4150, 19.4977, 20.9387



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.



45.7437, 48.9874, 51.3013



81.5563, 87.5578, 91.1859



45.6626, 48.9276, 52.1116



10.2510, 11.0568, 11.3958



12.8274, 24.7887, 4.1086



0.5562, 0.9987, 0.1635

Inverse Universe

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



45.9490, 47.4841, 53.7597



81.9743, 84.4976, 96.1906



46.0330, 47.5459, 52.9292



10.3158, 10.5827, 12.1712



14.8574, 6.9454, 32.9504



0.6304, 0.2970, 1.2930

Previews

White Background



This preview shows how the XYZ color 45.7423, 48.9853, 51.3002 looks on a white background.

Color Contrast Check

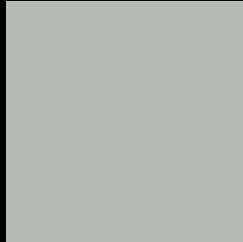
Large Text (above 18pt) WCAG AA × Fail

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 45.7423, 48.9853, 51.3002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

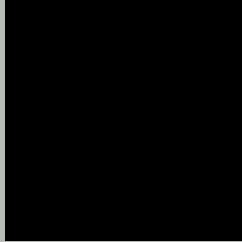
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

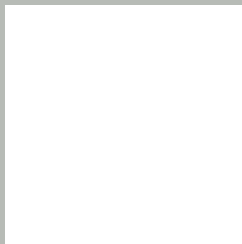
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7423, 48.9853, 51.3002

Background



This preview shows how black text looks on a background with the XYZ color 45.7423, 48.9853, 51.3002.



This preview shows how white text looks on a background with the XYZ color 45.7423, 48.9853,

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

45.7423, 48.9853, 51.3002

Protanopia

46.9247, 48.9813, 50.6972

Deuteranopia

49.7703, 48.8988, 51.6150



Tritanopia

47.6990, 48.8436, 60.9466

Trichromacy



Original Color

45.7423, 48.9853, 51.3002

Protanomaly

46.3929, 49.0188, 50.7325

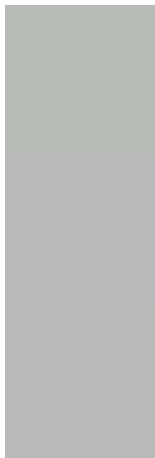
Deuteranomaly

48.2457, 49.0216, 51.7190

Tritanomaly

46.9822, 48.8625, 57.4072

Monochromacy



Original Color

45.7423, 48.9853, 51.3002

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

45.9778, 48.7688, 52.3374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7423, 48.9853, 51.3002 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, 187, 182) looks like.

```
.text, #text, p{  
    color:rgb(183, 187, 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, 187, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 187, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.7423, 48.9853, 51.3002 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, 187, 182) }
```


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

```
.border{ border-color:rgb(183, 187, 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, 187, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 187, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 187, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 187,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7423, 48.9853, 51.3002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 187, 182) }
```

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

```
.background{ background-color: rgb(183,  
187, 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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