

Converting Colors

XYZ(46.1081, 49.5114, 51.5835)

Have a look what the booklet for
XYZ(46.1081, 49.5114, 51.5835)
contains.

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Color

**XYZ(45.9552, 49.4111,
51.3712)**

Conversions

Conversions Part 1

Format	Color
Hex	B7BCB6
RGB	183, 188, 182
RGB Percent	72%, 74%, 71%
CMY	0.2823, 0.2627, 0.2863
CMYK	0.03, 0.00, 0.03, 0.26
HSL	110°, 4%, 73%
HSV	110°, 3%, 74%
XYZ	45.9552, 49.4111, 51.3712
YIQ	185.8210, -1.0540, -2.9260

Conversions

Conversions Part 2

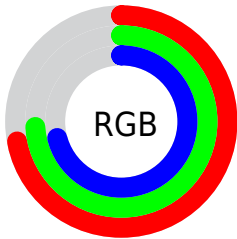
Format	Color
RYB	182, 188, 187
Decimal	12041398
CIELab	75.71, -2.85, 2.42
CIELCh	76, 3.737, 139.709
Yxy	49.4111, 0.3132, 0.3367
Android (android.graphics.Color)	4290231478 (0xFFB7BCB6)
YUV	185.8210, -1.8838, -2.4740
Hunter-Lab	70.2930, -6.3156, 5.8751

Details

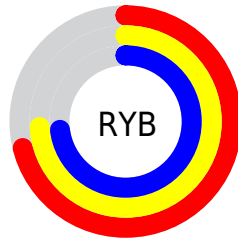
The XYZ color **45.9552, 49.4111, 51.3712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3004, 47.6529, 54.3370**, and the grayscale version is **46.5838, 49.0097, 53.3716**.

A 20% lighter version of the original color is **83.3799, 89.2251, 93.7165**, and **21.8323, 23.6588, 24.1848** is the 20% darker color. If you saturate the color by 10%, you get **40.6198, 46.8717, 41.6511**, and if you desaturate by 10%, it is **51.9692, 52.2730, 62.4869**.

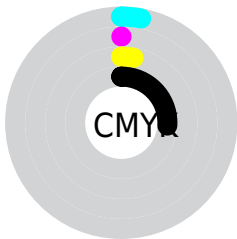
Distribution



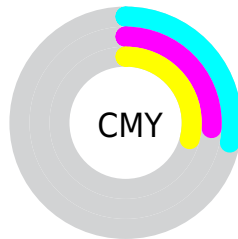
- Red (72%)
- Green (74%)
- Blue (71%)



- Red (71%)
- Yellow (74%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (26%)



- Cyan (28%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.9552, 49.4111, 51.3712 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 45.9552, 49.4111, 51.3712 by changing the saturation by 10% instead.

■ 45.9552, 49.4111,
51.3712

■ 45.9552, 49.4111,
51.3712

361.3475,
384.3585, 408.8919

■ 32.4149, 34.9457,
36.1253

■ 83.3802, 89.3017,
93.6203

■ 21.8357, 23.6211,
24.2405

107.9957,
115.4957, 121.4607

■ 13.8522, 15.0528,
15.2983

137.0336,
146.3681, 154.3363

■ 8.0989, 8.8564,
8.8801

170.8594,
182.3031, 192.6657

■ 4.2107, 4.6476,
4.5673

209.8383,
223.6853, 236.8674

■ 1.8220, 2.0420,
1.9414

254.3357,

■ 0.5309, 0.6317,

270.8990, 287.3600

0.5189

304.7170,
324.3286, 344.5620

■ 0.0000, 0.0000,
0.0000

■ 45.9552, 49.4111,
51.3712

■ 45.9552, 49.4111,
51.3712

■ 40.6198, 46.8717,
41.6511

■ 51.9692, 52.2730,
62.4869

■ 35.9351, 44.6373,
33.2682

■ 58.6802, 55.4617,
75.0467

■ 31.8770, 42.6983,
26.1651

■ 66.1113, 58.9892,
89.1011

■ 28.4187, 41.0422,
20.2788

■ 73.9264, 62.7225,
102.8180

■ 25.5313, 39.6555,
15.5410

■ 77.2742, 64.4483,
102.9747

■ 23.1835, 38.5238,
11.8766

■ 21.3407, 37.6311,
9.2016

■ 19.9643, 36.9596,
7.4197

■ 19.0098, 36.4888,
6.4151

Harmonies

Analogous

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



46.5161, 49.4111, 50.2888



45.9552, 49.4111, 51.3712



45.6655, 49.4111, 53.1217

Triad

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



45.9552, 49.4111, 51.3712



46.7262, 49.4111, 57.6411



48.2288, 49.4111, 52.5242

Complementary

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



45.9552, 49.4111, 51.3712



46.3004, 47.6529, 54.3370

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.



48.2864, 49.4111, 54.4846



45.9552, 49.4111, 51.3712



47.4143, 49.4111, 57.4716

Square

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



45.9552, 49.4111, 51.3712



46.1078, 49.4111, 56.7624



47.9870, 49.4111, 56.3048



47.8303, 49.4111, 50.9430

Rectangle

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



45.9552, 49.4111, 51.3712



45.6632, 49.4111, 54.4461



47.9870, 49.4111, 56.3048



48.2888, 49.4111, 53.1596

Sweetspot

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



45.9566, 49.4132, 51.3723



85.5512, 90.6278, 97.2657



46.9549, 49.6117, 51.3580



18.4093, 19.4948, 20.9384



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.



45.9566, 49.4132, 51.3723



82.3932, 89.1250, 91.4636



45.9279, 49.3744, 52.4583



10.1210, 10.9944, 11.1798



12.6786, 24.7119, 4.1017



0.5434, 0.9921, 0.1629

Inverse Universe

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



46.3004, 47.6529, 54.3370



83.1819, 85.0863, 98.2653



46.3316, 47.6937, 53.2201



10.2329, 10.4216, 12.1445



15.6587, 7.3584, 32.9879



0.6555, 0.3099, 1.2941

Previews

White Background



This preview shows how the XYZ color 45.9552, 49.4111, 51.3712 looks on a white background.

Color Contrast Check

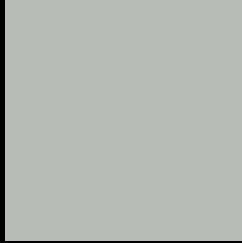
Large Text (above 18pt) WCAG AA × Fail

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 45.9552, 49.4111, 51.3712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

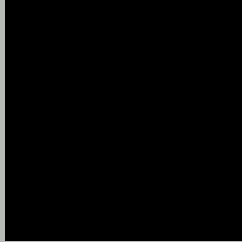
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

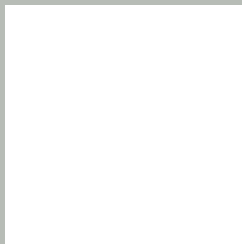
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.9552, 49.4111, 51.3712

Background



This preview shows how black text looks on a background with the XYZ color 45.9552, 49.4111, 51.3712.



This preview shows how white text looks on a background with the XYZ color 45.9552, 49.4111,

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

45.9552, 49.4111, 51.3712

Protanopia

47.3853, 49.5304, 50.7789

Deuteranopia

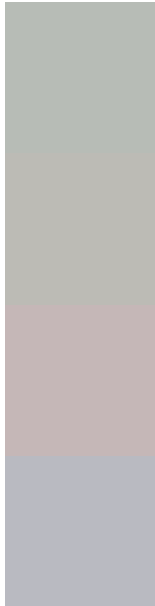
50.1498, 49.0823, 52.1781



Tritanopia

48.0240, 49.3072, 61.6297

Trichromacy



Original Color

45.9552, 49.4111, 51.3712

Protanomaly

46.8499, 49.5682, 50.8144

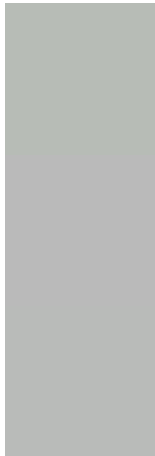
Deuteranomaly

48.5067, 49.1562, 51.7313

Tritanomaly

47.1921, 49.2824, 57.4772

Monochromacy



Original Color

45.9552, 49.4111, 51.3712

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.5349, 49.3577, 52.9733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9552, 49.4111, 51.3712 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, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 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, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.9552, 49.4111, 51.3712 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, 188, 182) }
```


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

```
.border{ border-color:rgb(183, 188, 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, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 188, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 188, 182); box-shadow:4px 4px 4px 4px rgb(183, 188, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9552, 49.4111, 51.3712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 182) }
```

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

```
.background{ background-color: rgb(183,  
188, 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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