

Converting Colors

XYZ(44.3789, 46.8843, 51.2149)

Have a look what the booklet for
XYZ(44.3789, 46.8843, 51.2149)
contains.

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Color

**XYZ(44.4330, 47.0681,
50.9992)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7B6
RGB	181, 183, 182
RGB Percent	71%, 72%, 71%
CMY	0.2902, 0.2823, 0.2863
CMYK	0.01, 0.00, 0.01, 0.28
HSL	150°, 1%, 71%
HSV	150°, 1%, 72%
XYZ	44.4330, 47.0681, 50.9992
YIQ	182.2880, -0.8710, -0.7350

Conversions

Conversions Part 2

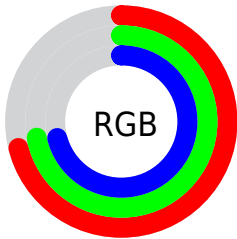
Format	Color
RYB	181, 182, 183
Decimal	11909046
CIELab	74.23, -0.88, 0.25
CIELCh	74, 0.918, 163.982
Yxy	47.0681, 0.3118, 0.3303
Android (android.graphics.Color)	4290099126 (0xFFB5B7B6)
YUV	182.2880, -0.1420, -1.1296
Hunter-Lab	68.6062, -4.4548, 3.9504

Details

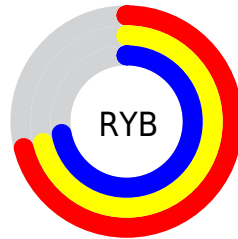
The XYZ color **44.4330, 47.0681, 50.9992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.4975, 46.4936, 50.8870**, and the grayscale version is **44.6225, 46.9464, 51.1246**.

A 20% lighter version of the original color is **81.2242, 85.9106, 93.1903**, and **20.8472, 22.1394, 23.9435** is the 20% darker color. If you saturate the color by 10%, you get **39.5047, 44.6346, 45.9868**, and if you desaturate by 10%, it is **49.9897, 49.8210, 56.3664**.

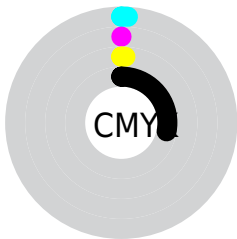
Distribution



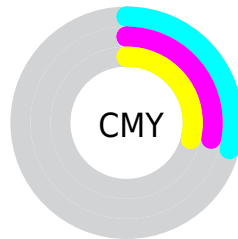
- Red (71%)
- Green (72%)
- Blue (71%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4330, 47.0681, 50.9992 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 44.4330, 47.0681, 50.9992 by changing the saturation by 10% instead.

■ 44.4330, 47.0681,
50.9992

■ 44.4330, 47.0681,
50.9992

355.2948,
375.0863, 407.4071

■ 31.2104, 33.0895,
35.8312

■ 81.1112, 85.8153,
93.0651

■ 20.9118, 22.1950,
24.0152

105.2976,
111.3526, 120.8001

■ 13.1716, 14.0003,
15.1326

133.8693,
141.5117, 153.5612

■ 7.6246, 8.1208,
8.7649

167.1916,
176.6768, 191.7669

■ 3.9055, 4.1724,
4.4934

205.6300,
217.2325, 235.8359

■ 1.6488, 1.7704,
1.8997

249.5497,

■ 0.4239, 0.4687,

263.5630, 286.1865

0.4926

299.3162,
316.0528, 343.2374

■ 0.0000, 0.0000,
0.0000

■ 44.4330, 47.0681,
50.9992

■ 44.4330, 47.0681,
50.9992

■ 39.5047, 44.6346,
45.9868

■ 49.9897, 49.8210,
56.3664

■ 35.1777, 42.5028,
41.3190

■ 56.1924, 52.8983,
62.0922

■ 31.4290, 40.6623,
36.9892

■ 63.0632, 56.3126,
68.1845

■ 28.2324, 39.0996,
32.9898

■ 70.6219, 60.0740,
74.6500

■ 25.5597, 37.8004,
29.3126

■ 72.1520, 60.7198,
81.1797

■ 23.3801, 36.7489,
25.9492

■ 73.4568, 61.2417,
88.0507

■ 21.6593, 35.9277,
22.8909

■ 74.8300, 61.7910,
95.2820

■ 20.3583, 35.3169,
20.1283

■ 76.2244, 62.3488,
102.6248

■ 19.4313, 34.8928,
17.6514

Harmonies

Analogous

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



44.5172, 47.0681, 50.5991



44.4330, 47.0681, 50.9992



44.4301, 47.0681, 51.4687

Triad

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



44.4330, 47.0681, 50.9992



44.8134, 47.0681, 52.1346



44.9652, 47.0681, 50.6217

Complementary

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



44.4330, 47.0681, 50.9992



44.4975, 46.4936, 50.8870

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.



45.0449, 47.0681, 51.0303



44.4330, 47.0681, 50.9992



44.9572, 47.0681, 51.9048

Square

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



44.4330, 47.0681, 50.9992



44.6495, 47.0681, 52.1262



45.0420, 47.0681, 51.4999



44.8243, 47.0681, 50.3820

Rectangle

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



44.4330, 47.0681, 50.9992



44.4746, 47.0681, 51.7580



45.0420, 47.0681, 51.4999



45.0000, 47.0681, 50.7437

Sweetspot

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



44.4343, 47.0701, 51.0002



80.6108, 84.8088, 92.3568



44.5749, 47.1545, 50.4690



17.8044, 18.7317, 20.3988



88.6918, 93.3107, 101.6153

Same Dimension

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



44.4343, 47.0701, 51.0002



79.6504, 84.3337, 91.4085



44.5349, 47.1104, 51.5299



10.0157, 10.5991, 11.4926



13.1765, 24.1716, 11.1175



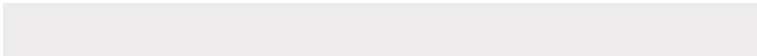
0.4958, 0.8646, 0.5565

Inverse Universe

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



44.4975, 46.4936, 50.8870



79.7555, 83.3744, 91.2201



44.3976, 46.4536, 50.3610



10.0278, 10.4883, 11.4709



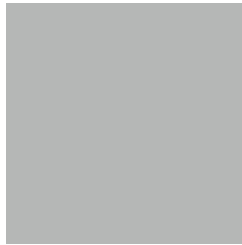
14.9941, 7.5714, 7.8558



0.5598, 0.2794, 0.4414

Previews

White Background



This preview shows how the XYZ color 44.4330, 47.0681, 50.9992 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 44.4330, 47.0681, 50.9992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

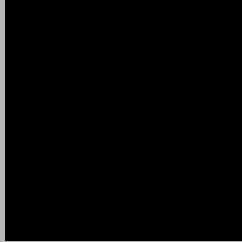
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

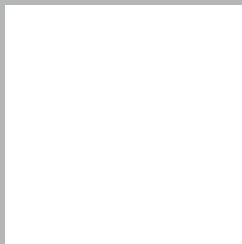
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.4330, 47.0681, 50.9992

Background



This preview shows how black text looks on a background with the XYZ color 44.4330, 47.0681, 50.9992.

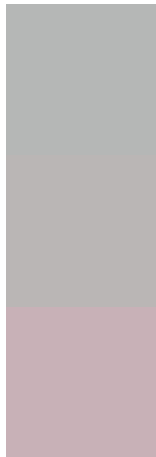


This preview shows how white text looks on a background with the XYZ color 44.4330, 47.0681,

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

44.4330, 47.0681, 50.9992

Protanopia

45.3181, 47.2312, 50.4441

Deuteranopia

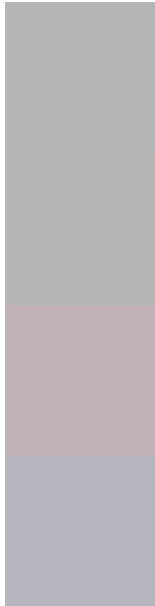
48.0888, 47.1425, 51.3646



Tritanopia

45.9026, 47.0552, 58.2930

Trichromacy



Original Color

44.4330, 47.0681, 50.9992

Protanomaly

44.8356, 46.9824, 50.4215

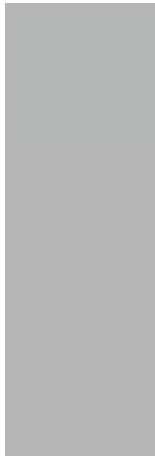
Deuteranomaly

46.6597, 46.9966, 51.4118

Tritanomaly

45.3136, 47.1187, 55.4217

Monochromacy



Original Color

44.4330, 47.0681, 50.9992

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.4628, 46.7784, 50.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4330, 47.0681, 50.9992 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(181, 183, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 183, 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(181, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 182) }
```

Border

The CSS property to change the border of an element to XYZ 44.4330, 47.0681, 50.9992 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(181, 183, 182) }
```

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

```
.border{ border-color:rgb(181, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
182) }
```


Background

The CSS property to change the background color of an element to XYZ 44.4330, 47.0681, 50.9992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 183, 182) }
```

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

```
.background{ background-color: rgb(181,  
183, 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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