

Converting Colors

XYZ(44.2115, 45.9045, 51.2220)

Have a look what the booklet for
XYZ(44.2115, 45.9045, 51.2220)
contains.

XYZ(44.3969, 46.1287, 51.3635)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(44.3969, 46.1287,
51.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B4B7
RGB	183, 180, 183
RGB Percent	72%, 71%, 72%
CMY	0.2823, 0.2941, 0.2823
CMYK	0.00, 0.02, 0.00, 0.28
HSL	300°, 2%, 71%
HSV	300°, 2%, 72%
XYZ	44.3969, 46.1287, 51.3635
YIQ	181.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

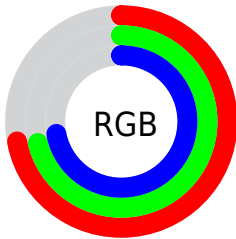
Format	Color
R_{YB}	183, 180, 183
Decimal	12039351
CIE Lab	73.63, 1.62, -1.16
CIE LCh	74, 1.989, 324.408
Yxy	46.1287, 0.3129, 0.3251
Android (android.graphics.Color)	4290229431 (0xFFB7B4B7)
YUV	181.2390, 0.8682, 1.5444
Hunter-Lab	67.9181, -2.1743, 2.7042

Details

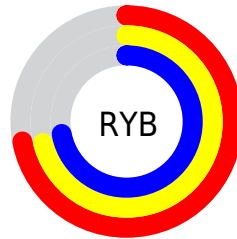
The XYZ color **44.3969, 46.1287, 51.3635** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9959, 46.8668, 49.9098**, and the grayscale version is **44.0465, 46.3404, 50.4646**.

A 20% lighter version of the original color is **81.1720, 84.5736, 93.7075**, and **20.8246, 21.5363, 24.1784** is the 20% darker color. If you saturate the color by 10%, you get **40.9440, 39.2228, 50.2132**, and if you desaturate by 10%, it is **48.3402, 54.0141, 52.6784**.

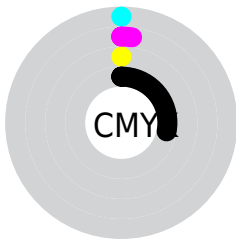
Distribution



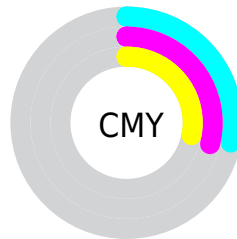
- Red (72%)
- Green (71%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (28%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.3969, 46.1287, 51.3635 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 44.3969, 46.1287, 51.3635 by changing the saturation by 10% instead.

■ 44.3969, 46.1287,
51.3635

■ 44.3969, 46.1287,
51.3635

355.1504,
371.3258, 408.8612

■ 31.1819, 32.3474,
36.1192

■ 81.0573, 84.4116,
93.6089

■ 20.8899, 21.6270,
24.2359

105.2334,
109.6819, 121.4470

■ 13.1556, 13.5831,
15.2949

133.7940,
139.5508, 154.3203

■ 7.6135, 7.8313,
8.8777

167.1043,
174.4025, 192.6471

■ 3.8984, 3.9872,
4.5658

205.5297,
214.6214, 236.8461

■ 1.6448, 1.6664,
1.9406

249.4356,

■ 0.4213, 0.4017,

260.5920, 287.3357

0.5184

299.1874,
312.6987, 344.5346

■ 0.0000, 0.0000,
0.0000

■ 44.3969, 46.1287,
51.3635

■ 44.3969, 46.1287,
51.3635

■ 40.9440, 39.2228,
50.2132

■ 48.3402, 54.0141,
52.6784

■ 37.9585, 33.2525,
49.2182

■ 52.7879, 62.9089,
54.1609

■ 35.4217, 28.1793,
48.3727

■ 57.7583, 72.8492,
55.8175

■ 33.3118, 23.9601,
47.6695

■ 63.2677, 83.8672,
57.6539

■ 31.6053, 20.5478,
47.1008

■ 63.8380, 85.0074,
57.8439

■ 30.2766, 17.8910,
46.6580

■ 63.8384, 85.0076,
57.8439

■ 29.2970, 15.9323,
46.3316

■ 63.8388, 85.0078,
57.8439

■ 28.6336, 14.6062,
46.1106

■ 63.8392, 85.0080,
57.8439

■ 28.2476, 13.8348,
45.9820

■ 63.8396, 85.0082,
57.8439

Harmonies

Analogous

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



44.1244, 46.1287, 52.0131



44.3969, 46.1287, 51.3635



44.5213, 46.1287, 50.4155

Triad

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



44.3969, 46.1287, 51.3635



43.9100, 46.1287, 48.3208



43.2302, 46.1287, 51.0320

Complementary

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



44.3969, 46.1287, 51.3635



43.9959, 46.8668, 49.9098

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.



43.1735, 46.1287, 50.0376



44.3969, 46.1287, 51.3635



43.5647, 46.1287, 48.4809

Square

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



44.3969, 46.1287, 51.3635



44.2392, 46.1287, 48.6658



43.2956, 46.1287, 49.1060



43.4510, 46.1287, 51.8199

Rectangle

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



44.3969, 46.1287, 51.3635



44.5031, 46.1287, 49.7453



43.2956, 46.1287, 49.1060



43.1914, 46.1287, 50.7104

Sweetspot

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



44.3982, 46.1307, 51.3645



80.6108, 84.8088, 92.3568



43.7031, 45.7873, 51.3349



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.



44.3982, 46.1307, 51.3645



79.2543, 82.0961, 91.9047



44.2482, 46.0707, 50.5745



9.9698, 10.3405, 11.5499



19.5834, 9.4068, 32.0366



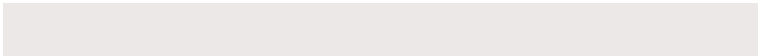
0.6904, 0.3316, 1.1294

Inverse Universe

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



44.0896, 46.0072, 49.7391



78.5699, 81.8224, 88.2999



44.1442, 46.9261, 50.6911



9.8907, 10.3089, 11.1334



13.6235, 7.0231, 0.6380



0.4803, 0.2476, 0.0225

Previews

White Background



This preview shows how the XYZ color 44.3969, 46.1287, 51.3635 looks on a white background.

Color Contrast Check

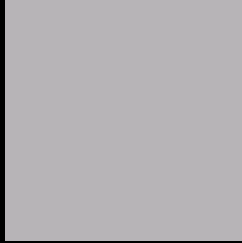
Large Text (above 18pt) WCAG AA × Fail

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 44.3969, 46.1287, 51.3635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

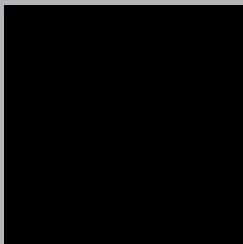
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

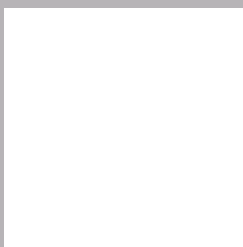
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 44.3969, 46.1287, 51.3635

Background



This preview shows how black text looks on a background with the XYZ color 44.3969, 46.1287, 51.3635.

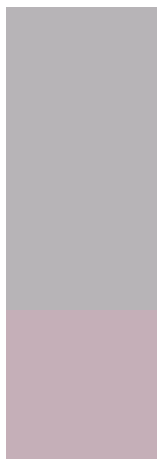


This preview shows how white text looks on a background with the XYZ color 44.3969, 46.1287,

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

44.3969, 46.1287, 51.3635

Protanopia

44.3969, 46.1287, 51.3635

Deuteranopia

47.0077, 45.9910, 51.7470



Tritanopia

45.5129, 46.2808, 56.9864

Trichromacy



Original Color

44.3969, 46.1287, 51.3635

Protanomaly

44.3969, 46.1287, 51.3635

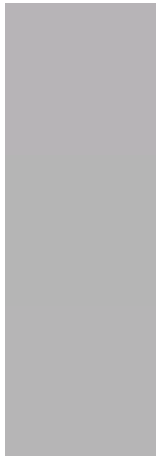
Deuteranomaly

46.1121, 46.1114, 51.8174

Tritanomaly

45.0726, 46.1047, 54.6676

Monochromacy



Original Color

44.3969, 46.1287, 51.3635

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

44.2588, 46.3702, 50.8736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3969, 46.1287, 51.3635 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, 180, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 183)  
}
```

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, 180, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 183) }
```

Border

The CSS property to change the border of an element to XYZ 44.3969, 46.1287, 51.3635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

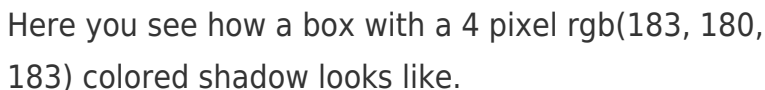
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 180, 183) }
```

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

```
.border{ border-color:rgb(183, 180, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 180, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 180, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 180, 183); box-shadow:4px 4px 4px 4px rgb(183, 180, 183) }
```


Background

The CSS property to change the background color of an element to XYZ 44.3969, 46.1287, 51.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 183) }
```

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

```
.background{ background-color: rgb(183,  
180, 183) }
```

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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