

Converting Colors

XYZ(44.8905, 46.2312, 51.6304)

Have a look what the booklet for
XYZ(44.8905, 46.2312, 51.6304)
contains.

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Color

**XYZ(44.9806, 46.4175,
51.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B4B8
RGB	185, 180, 184
RGB Percent	73%, 71%, 72%
CMY	0.2745, 0.2941, 0.2784
CMYK	0.00, 0.03, 0.01, 0.27
HSL	312°, 3%, 72%
HSV	312°, 3%, 73%
XYZ	44.9806, 46.4175, 51.9361
YIQ	181.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

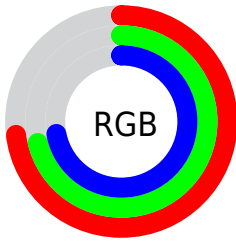
Format	Color
R_{YB}	185, 180, 184
Decimal	12170424
CIE Lab	73.82, 2.51, -1.41
CIE LCh	74, 2.876, 330.594
Yxy	46.4175, 0.3138, 0.3238
Android (android.graphics.Color)	4290360504 (0xFFB9B4B8)
YUV	181.9510, 1.0102, 2.6740
Hunter-Lab	68.1304, -1.3801, 2.4942

Details

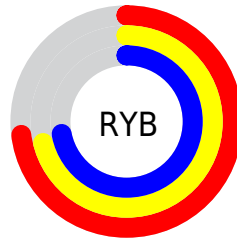
The XYZ color **44.9806, 46.4175, 51.9361** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5136, 47.7387, 50.5869**, and the grayscale version is **44.4319, 46.7458, 50.9062**.

A 20% lighter version of the original color is **81.9993, 84.9829, 94.5196**, and **21.2018, 21.7230, 24.5482** is the 20% darker color. If you saturate the color by 10%, you get **41.1097, 39.2883, 48.7561**, and if you desaturate by 10%, it is **49.3628, 54.5518, 55.3378**.

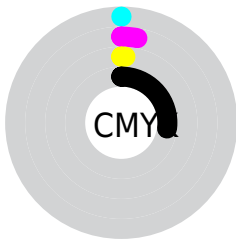
Distribution



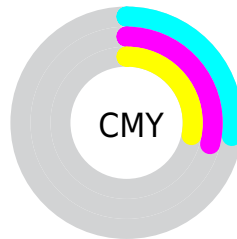
- Red (73%)
- Green (71%)
- Blue (72%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.9806, 46.4175, 51.9361 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 44.9806, 46.4175, 51.9361 by changing the saturation by 10% instead.

■ 44.9806, 46.4175,
51.9361

■ 44.9806, 46.4175,
51.9361

357.4800,
372.4846, 411.1398

■ 31.6434, 32.5754,
36.5723

■ 81.9285, 84.8435,
94.4626

■ 21.2435, 21.8014,
24.5833

106.2700,
110.1962, 122.4624

■ 13.4156, 13.7110,
15.5507

135.0101,
140.1545, 155.5112

■ 7.7943, 7.9200,
9.0559

168.5144,
175.1028, 194.0276

■ 4.0143, 4.0438,
4.6803

207.1482,
215.4256, 238.4301

■ 1.7102, 1.6981,
2.0055

251.2768,

■ 0.4627, 0.4224,

261.5073, 289.1373

0.5587

301.2656,
313.7321, 346.5676

■ 0.0000, 0.0000,
0.0000

■ 44.9806, 46.4175,
51.9361

■ 44.9806, 46.4175,
51.9361

■ 41.1097, 39.2883,
48.7561

■ 49.3628, 54.5518,
55.3378

■ 37.7265, 33.1188,
45.7879

■ 54.2708, 63.7221,
58.9648

■ 34.8113, 27.8694,
43.0250

■ 59.7238, 73.9657,
62.8242

■ 32.3415, 23.4950,
40.4596

■ 65.7384, 85.3161,
66.9222

■ 30.2929, 19.9470,
38.0832

■ 66.4899, 86.1232,
69.3173

■ 28.6386, 17.1721,
35.8865

■ 66.9352, 86.3014,
71.6624

■ 27.3486, 15.1103,
33.8590

■ 67.3911, 86.4837,
74.0633

■ 26.3887, 13.6933,
31.9889

■ 67.8577, 86.6704,
76.5205

■ 25.7178, 12.8391,
30.2622

■ 68.3351, 86.8613,
79.0342

Harmonies

Analogous

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



44.6208, 46.4175, 53.0038



44.9806, 46.4175, 51.9361



45.1090, 46.4175, 50.5116

Triad

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



44.9806, 46.4175, 51.9361



44.1083, 46.4175, 47.7768



43.2774, 46.4175, 51.9876

Complementary

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



44.9806, 46.4175, 51.9361



44.5136, 47.7387, 50.5869

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.



43.1425, 46.4175, 50.5700



44.9806, 46.4175, 51.9361



43.6199, 46.4175, 48.1553

Square

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



44.9806, 46.4175, 51.9361



44.6030, 46.4175, 48.1270



43.2674, 46.4175, 49.1707



43.6374, 46.4175, 53.0339

Rectangle

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



44.9806, 46.4175, 51.9361



45.0453, 46.4175, 49.5567



43.2674, 46.4175, 49.1707



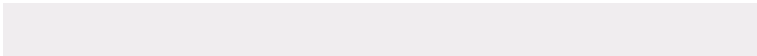
43.2044, 46.4175, 51.5378

Sweetspot

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



44.9819, 46.4195, 51.9371



81.8180, 85.4618, 94.0155



44.1362, 45.9714, 52.4468



17.6469, 18.4398, 20.2746



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.



44.9819, 46.4195, 51.9371



80.3045, 82.6614, 92.8126



44.7223, 46.3157, 50.5701



9.7851, 10.0220, 11.3309



17.2878, 8.4889, 19.9339



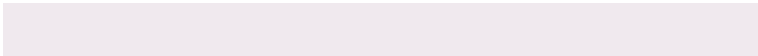
0.6293, 0.3072, 0.8074

Inverse Universe

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



44.9819, 46.4195, 51.9371



80.3045, 82.6614, 92.8126



44.7723, 47.8422, 51.9491



9.7851, 10.0220, 11.3309



17.2878, 8.4889, 19.9339



0.6293, 0.3072, 0.8074

Previews

White Background



This preview shows how the XYZ color 44.9806, 46.4175, 51.9361 looks on a white background.

Color Contrast Check

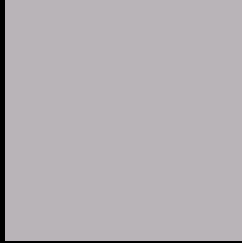
Large Text (above 18pt) WCAG AA × Fail

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 44.9806, 46.4175, 51.9361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

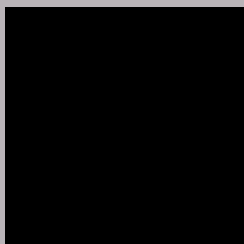
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.9806, 46.4175, 51.9361

Background



This preview shows how black text looks on a background with the XYZ color 44.9806, 46.4175, 51.9361.

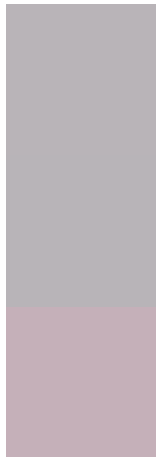


This preview shows how white text looks on a background with the XYZ color 44.9806, 46.4175,

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

44.9806, 46.4175, 51.9361

Protanopia

44.7402, 46.2936, 51.9249

Deuteranopia

47.3082, 46.4238, 52.3662



Tritanopia

45.9954, 46.5296, 57.0090

Trichromacy



Original Color

44.9806, 46.4175, 51.9361

Protanomaly

44.7402, 46.2936, 51.9249

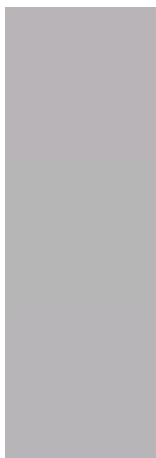
Deuteranomaly

46.4714, 46.2845, 52.3834

Tritanomaly

45.6641, 46.3970, 55.2640

Monochromacy



Original Color

44.9806, 46.4175, 51.9361

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.5996, 46.5339, 51.4310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.9806, 46.4175, 51.9361 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(185, 180, 184) looks like.

```
.text, #text, p{  
    color:rgb(185, 180, 184)  
}
```

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(185, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 180, 184) }
```

Border

The CSS property to change the border of an element to XYZ 44.9806, 46.4175, 51.9361 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(185, 180, 184) }
```


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

```
.border{ border-color:rgb(185, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(185, 180,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 44.9806, 46.4175, 51.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 180, 184) }
```

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

```
.background{ background-color: rgb(185,  
180, 184) }
```

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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