

Converting Colors

XYZ(45.4579, 47.4572, 62.0725)

Have a look what the booklet for
XYZ(45.4579, 47.4572, 62.0725)
contains.

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Color

**XYZ(45.3806, 47.3141,
61.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B7C9
RGB	176, 183, 201
RGB Percent	69%, 72%, 79%
CMY	0.3098, 0.2823, 0.2118
CMYK	0.12, 0.09, 0.00, 0.21
HSL	223°, 19%, 74%
HSV	223°, 12%, 79%
XYZ	45.3806, 47.3141, 61.9991
YIQ	182.9590, -9.9500, 4.1140

Conversions

Conversions Part 2

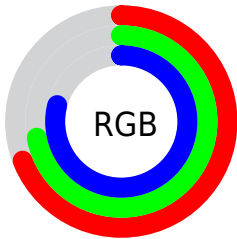
Format	Color
R_{YB}	176, 181, 201
Decimal	11581385
CIE Lab	74.39, 1.18, -9.92
CIE LCh	74, 9.994, 276.783
Yxy	47.3141, 0.2934, 0.3059
Android (android.graphics.Color)	4289771465 (0xFFB0B7C9)
YUV	182.9590, 8.8942, -6.1030
Hunter-Lab	68.7852, -2.6100, -5.2910

Details

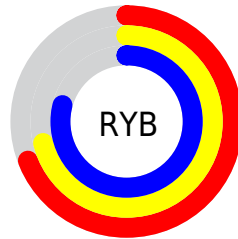
The XYZ color **45.3806, 47.3141, 61.9991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2160, 54.1355, 48.8251**, and the grayscale version is **44.9451, 47.2857, 51.4942**.

A 20% lighter version of the original color is **82.1952, 86.1088, 106.8963**, and **21.4175, 22.2828, 30.7760** is the 20% darker color. If you saturate the color by 10%, you get **38.3355, 39.4780, 60.8587**, and if you desaturate by 10%, it is **53.4084, 56.1148, 63.2754**.

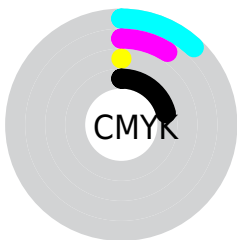
Distribution



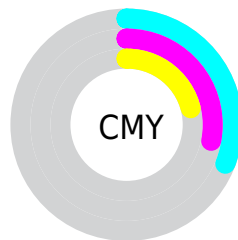
- Red (69%)
- Green (72%)
- Blue (79%)



- Red (69%)
- Yellow (71%)
- Blue (79%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.3806, 47.3141, 61.9991 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 45.3806, 47.3141, 61.9991 by changing the saturation by 10% instead.

■ 45.3806, 47.3141,
61.9991

■ 45.3806, 47.3141,
61.9991

359.0706,
376.0669, 449.9354

■ 31.9599, 33.2840,
44.5962

■ 82.5248, 86.1823,
109.2958

■ 21.4862, 22.3441,
30.7988

106.9790,
111.7892, 140.0267

■ 13.5944, 14.1100,
20.1885

135.8417,
142.0238, 176.0373

■ 7.9189, 8.1972,
12.3467

169.4783,
177.2706, 217.7462

■ 4.0945, 4.2214,
6.8549

208.2541,
217.9139, 265.5719

■ 1.7557, 1.7982,
3.2944

252.5346,

■ 0.4908, 0.4860,

264.3381, 319.9330

1.2469

302.6849,
316.9277, 381.2480

■ 0.0000, 0.0000,
0.0176

■ 0.0000, 0.0000,
0.0000

■ 45.3806, 47.3141,
61.9991

■ 45.3806, 47.3141,
61.9991

■ 38.3355, 39.4780,
60.8587

■ 53.4084, 56.1148,
63.2754

■ 32.2300, 32.5670,
59.8465

■ 62.4510, 65.9060,
64.6887

■ 27.0244, 26.5473,
58.9589

■ 72.5445, 76.7203,
66.2441

■ 22.6740, 21.3808,
58.1910

■ 83.2040, 88.3195,
67.9212

■ 19.1304, 17.0266,
57.5373

■ 87.5428, 96.9971,
69.3674

■ 16.3400, 13.4399,
56.9921

■ 14.2418, 10.5711,
56.5489

■ 12.7647, 8.3636,
56.2007

■ 11.9715, 7.0746,
55.9937

Harmonies

Analogous

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



43.6201, 47.3141, 61.1731



45.3806, 47.3141, 61.9991



47.0749, 47.3141, 59.8699

Triad

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



45.3806, 47.3141, 61.9991



47.7997, 47.3141, 45.8072



41.8645, 47.3141, 47.7077

Complementary

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



45.3806, 47.3141, 61.9991



51.2160, 54.1355, 48.8251

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.



42.9301, 47.3141, 43.9796



45.3806, 47.3141, 61.9991



46.3488, 47.3141, 42.9346

Square

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



45.3806, 47.3141, 61.9991



48.4955, 47.3141, 50.3553



44.5631, 47.3141, 42.2884



41.6209, 47.3141, 52.6965

Rectangle

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



45.3806, 47.3141, 61.9991



47.9285, 47.3141, 57.1396



44.5631, 47.3141, 42.2884



42.1370, 47.3141, 46.2759

Sweetspot

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



45.3820, 47.3161, 62.0002



89.0985, 93.5206, 107.9630



48.5203, 54.8956, 59.0293



18.8380, 19.7631, 23.0717



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



45.3820, 47.3161, 62.0002



74.1871, 77.1256, 105.5844



45.2228, 45.1429, 61.5891



10.2945, 10.7631, 13.4524



7.5946, 4.5830, 35.2287



0.4224, 0.3426, 1.6890

Inverse Universe

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



48.1611, 46.8881, 51.3139



79.9177, 76.3286, 83.5298



51.3807, 56.5887, 49.2899



10.7539, 10.6850, 11.6875



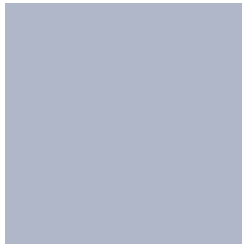
15.6327, 8.0026, 3.2758



0.7719, 0.3916, 0.3220

Previews

White Background



This preview shows how the XYZ color 45.3806, 47.3141, 61.9991 looks on a white background.

Color Contrast Check

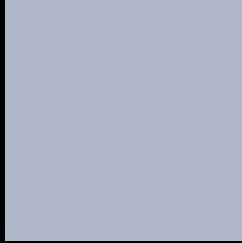
Large Text (above 18pt) WCAG AA × Fail

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 45.3806, 47.3141, 61.9991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

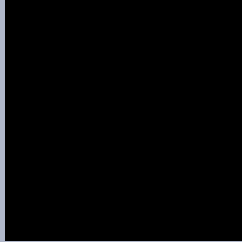
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

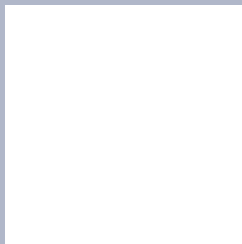
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.3806, 47.3141, 61.9991

Background



This preview shows how black text looks on a background with the XYZ color 45.3806, 47.3141, 61.9991.

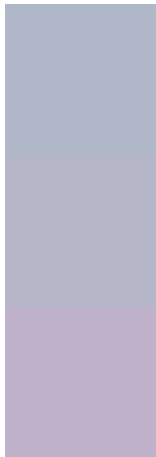


This preview shows how white text looks on a background with the XYZ color 45.3806, 47.3141,

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

45.3806, 47.3141, 61.9991

Protanopia

46.2093, 47.4498, 61.3668

Deuteranopia

48.3193, 47.3115, 62.4625



Tritanopia

44.8057, 47.0581, 60.1477

Trichromacy



Original Color

45.3806, 47.3141, 61.9991

Protanomaly

45.7437, 47.2097, 61.3450

Deuteranomaly

47.2316, 47.3459, 62.5264

Tritanomaly

44.9215, 47.1045, 60.7573

Monochromacy



Original Color

45.3806, 47.3141, 61.9991

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

45.0501, 47.2880, 55.4683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.3806, 47.3141, 61.9991 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(176, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(176, 183, 201)  
}
```

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(176, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 201) }
```

Border

The CSS property to change the border of an element to XYZ 45.3806, 47.3141, 61.9991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

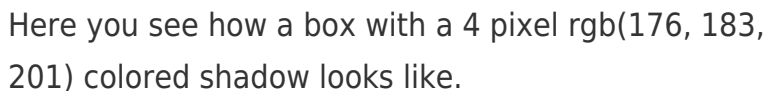
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 183, 201) }
```


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

```
.border{ border-color:rgb(176, 183, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 183, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 183, 201); box-shadow:4px 4px 4px 4px rgb(176, 183, 201) }
```

Background

The CSS property to change the background color of an element to XYZ 45.3806, 47.3141, 61.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 201) }
```

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

```
.background{ background-color: rgb(176,  
183, 201) }
```

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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