

Converting Colors

XYZ(46.5592, 47.7707, 62.3030)

Have a look what the booklet for
XYZ(46.5592, 47.7707, 62.3030)
contains.

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Color

**XYZ(46.5322, 47.9078,
62.0530)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B7C9
RGB	181, 183, 201
RGB Percent	71%, 72%, 79%
CMY	0.2902, 0.2823, 0.2118
CMYK	0.10, 0.09, 0.00, 0.21
HSL	234°, 16%, 75%
HSV	234°, 10%, 79%
XYZ	46.5322, 47.9078, 62.0530
YIQ	184.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

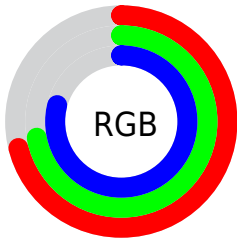
Format	Color
R _Y B	181, 183, 201
Decimal	11909065
CIE Lab	74.77, 2.84, -9.32
CIE LCh	75, 9.745, 286.917
Yxy	47.9078, 0.2973, 0.3061
Android (android.graphics.Color)	4290099145 (0xFFB5B7C9)
YUV	184.4540, 8.1572, -3.0292
Hunter-Lab	69.2155, -1.1250, -4.7038

Details

The XYZ color **46.5322, 47.9078, 62.0530** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8516, 56.6003, 51.8564**, and the grayscale version is **45.7713, 48.1549, 52.4407**.

A 20% lighter version of the original color is **83.8416, 86.9575, 106.9733**, and **22.1512, 22.6610, 30.8103** is the 20% darker color. If you saturate the color by 10%, you get **38.6610, 38.6642, 60.6844**, and if you desaturate by 10%, it is **55.5657, 58.4649, 63.6154**.

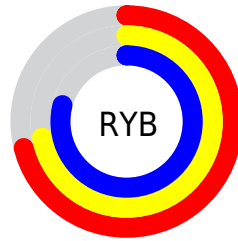
Distribution



Red (71%)

Green (72%)

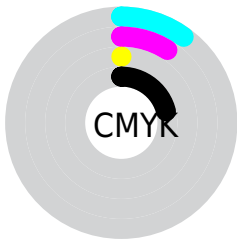
Blue (79%)



Red (71%)

Yellow (72%)

Blue (79%)

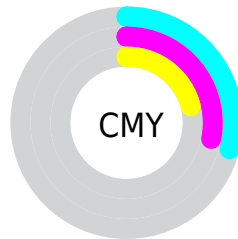


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (29%)

Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5322, 47.9078, 62.0530 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 46.5322, 47.9078, 62.0530 by changing the saturation by 10% instead.

■ 46.5322, 47.9078,
62.0530

■ 46.5322, 47.9078,
62.0530

363.6243,
378.4266, 450.1374

■ 32.8724, 33.7539,
44.6395

■ 84.2379, 87.0671,
109.3745

■ 22.1875, 22.7046,
30.8327

109.0145,
112.8413, 140.1195

■ 14.1121, 14.3755,
20.2141

138.2275,
143.2577, 176.1454

■ 8.2809, 8.3823,
12.3651

172.2421,
178.7007, 217.8707

■ 4.3285, 4.3405,
6.8673

211.4237,
219.5547, 265.7141

■ 1.8896, 1.8658,
3.3021

256.1377,

■ 0.5708, 0.5277,

266.2040, 320.0939

1.2509

306.7495,
319.0332, 381.4289

■ 0.0000, 0.0000,
0.0210

■ 0.0000, 0.0000,
0.0000

■ 46.5322, 47.9078,
62.0530

■ 46.5322, 47.9078,
62.0530

■ 38.6610, 38.6642,
60.6844

■ 55.5657, 58.4649,
63.6154

■ 31.9007, 30.6767,
59.4990

■ 65.8015, 70.3778,
65.3753

■ 26.2024, 23.8930,
58.4899

■ 77.2833, 83.6943,
67.3405

■ 21.5118, 18.2543,
57.6488

■ 87.5428, 96.9971,
69.3674

■ 17.7699, 13.6972,
56.9664

■ 14.9114, 10.1520,
56.4327

■ 12.8628, 7.5407,
56.0367

■ 11.5382, 5.7736,
55.7654

■ 10.7980, 4.7257,
55.6022

Harmonies

Analogous

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



44.7690, 47.9078, 62.2426



46.5322, 47.9078, 62.0530



48.0655, 47.9078, 59.1069

Triad

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



46.5322, 47.9078, 62.0530



47.8989, 47.9078, 45.3651



42.3004, 47.9078, 49.9885

Complementary

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



46.5322, 47.9078, 62.0530



52.8516, 56.6003, 51.8564

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.



43.0948, 47.9078, 45.7863



46.5322, 47.9078, 62.0530



46.3095, 47.9078, 43.2357

Square

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



46.5322, 47.9078, 62.0530



48.8685, 47.9078, 49.3790



44.5520, 47.9078, 43.3848



42.3565, 47.9078, 55.0507

Rectangle

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



46.5322, 47.9078, 62.0530



48.7374, 47.9078, 56.0781



44.5520, 47.9078, 43.3848



42.4759, 47.9078, 48.4353

Sweetspot

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



46.5336, 47.9098, 62.0541



90.1344, 94.2640, 108.0519



50.2137, 55.7060, 61.9367



19.0181, 19.8560, 23.0802



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.



46.5336, 47.9098, 62.0541



76.5107, 78.3235, 105.6931



47.9711, 48.0420, 62.0038



10.1407, 10.4555, 13.4011



6.8192, 3.0323, 34.9702



0.3527, 0.2031, 1.6658

Inverse Universe

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



49.1597, 48.8853, 51.6469



81.9325, 80.3583, 84.2015



51.3054, 56.4917, 51.9170



10.6763, 10.6539, 11.2787



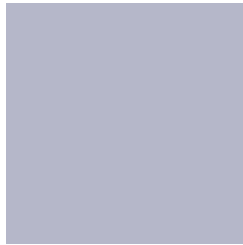
15.2413, 7.8461, 1.2148



0.7367, 0.3775, 0.1367

Previews

White Background



This preview shows how the XYZ color 46.5322, 47.9078, 62.0530 looks on a white background.

Color Contrast Check

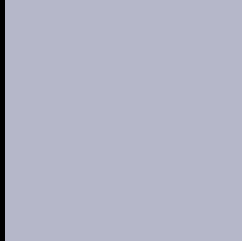
Large Text (above 18pt) WCAG AA × Fail

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 46.5322, 47.9078, 62.0530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

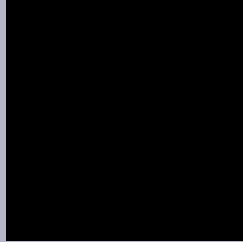
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5322, 47.9078, 62.0530

Background



This preview shows how black text looks on a background with the XYZ color 46.5322, 47.9078, 62.0530.



This preview shows how white text looks on a background with the XYZ color 46.5322, 47.9078,

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

46.5322, 47.9078, 62.0530

Protanopia

46.7675, 48.0291, 62.0640

Deuteranopia

48.7731, 47.8419, 62.5409



Tritanopia

46.1826, 47.7679, 60.2121

Trichromacy



Original Color

46.5322, 47.9078, 62.0530

Protanomaly

46.7675, 48.0291, 62.0640

Deuteranomaly

47.9682, 47.7256, 62.5609

Tritanomaly

46.2983, 47.8143, 60.8217

Monochromacy



Original Color

46.5322, 47.9078, 62.0530

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.9632, 48.0660, 55.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5322, 47.9078, 62.0530 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 183, 201) }
```

Border

The CSS property to change the border of an element to XYZ 46.5322, 47.9078, 62.0530 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, 201) }
```


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

```
.border{ border-color:rgb(181, 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(181, 183, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 183,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5322, 47.9078, 62.0530 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, 201) }
```

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

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