

Converting Colors

XYZ(46.8580, 49.2888, 62.7395)

Have a look what the booklet for
XYZ(46.8580, 49.2888, 62.7395)
contains.

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Color

**XYZ(47.0214, 49.3886,
62.9318)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BBCA
RGB	179, 187, 202
RGB Percent	70%, 73%, 79%
CMY	0.2980, 0.2667, 0.2078
CMYK	0.11, 0.07, 0.00, 0.21
HSL	219°, 18%, 75%
HSV	219°, 11%, 79%
XYZ	47.0214, 49.3886, 62.9318
YIQ	186.3180, -9.5830, 2.9690

Conversions

Conversions Part 2

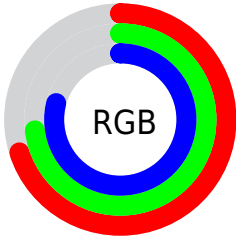
Format	Color
R_{YB}	179, 185, 202
Decimal	11779018
CIE Lab	75.69, 0.22, -8.51
CIE LCh	76, 8.509, 271.493
Yxy	49.3886, 0.2951, 0.3100
Android (android.graphics.Color)	4289969098 (0xFFB3BBCA)
YUV	186.3180, 7.7312, -6.4179
Hunter-Lab	70.2770, -3.5529, -3.8992

Details

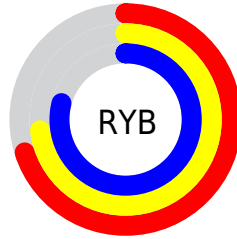
The XYZ color **47.0214, 49.3886, 62.9318** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7859, 54.3946, 50.4186**, and the grayscale version is **46.8134, 49.2514, 53.6347**.

A 20% lighter version of the original color is **84.3615, 88.9834, 107.3369**, and **22.4746, 23.6239, 31.3923** is the 20% darker color. If you saturate the color by 10%, you get **40.0233, 41.8224, 61.8410**, and if you desaturate by 10%, it is **54.9627, 57.8242, 64.1423**.

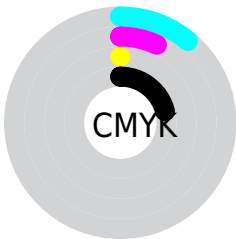
Distribution



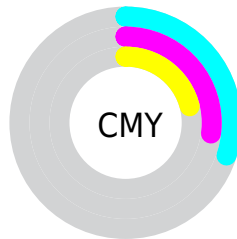
- Red (70%)
- Green (73%)
- Blue (79%)



- Red (70%)
- Yellow (73%)
- Blue (79%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0214, 49.3886, 62.9318 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 47.0214, 49.3886, 62.9318 by changing the saturation by 10% instead.

■ 47.0214, 49.3886,
62.9318

■ 47.0214, 49.3886,
62.9318

365.5474,
384.2702, 453.4231

■ 33.2606, 34.9278,
45.3454

■ 84.9641, 89.2683,
110.6557

■ 22.4863, 23.6073,
31.3846

109.8767,
115.4561, 141.6304

■ 14.3333, 15.0426,
20.6310

139.2373,
146.3217, 177.9048

■ 8.4361, 8.8493,
12.6659

173.4112,
182.2494, 219.8976

■ 4.4294, 4.6430,
7.0709

212.7639,
223.6237, 268.0272

■ 1.9478, 2.0394,
3.4274

257.6605,

■ 0.6044, 0.6302,

270.8290, 322.7124

1.3168

308.4666,
324.2497, 384.3715

■ 0.0000, 0.0000,
0.0755

■ 0.0000, 0.0000,
0.0000

■ 47.0214, 49.3886,
62.9318

■ 47.0214, 49.3886,
62.9318

■ 40.0233, 41.8224,
61.8410

■ 54.9627, 57.8242,
64.1423

■ 33.9275, 35.0903,
60.8629

■ 63.8772, 67.1505,
65.4726

■ 28.6966, 29.1638,
59.9946

■ 73.7989, 77.3957,
66.9272

■ 24.2886, 24.0102,
59.2322

■ 82.9701, 87.6629,
68.4255

■ 20.6578, 19.5942,
58.5712

■ 86.9829, 95.6884,
69.7631

■ 17.7540, 15.8775,
58.0068

■ 87.6608, 97.0443,
69.9891

■ 15.5199, 12.8176,
57.5340

■ 13.8887, 10.3662,
57.1468

■ 12.8688, 8.6802,
56.8751

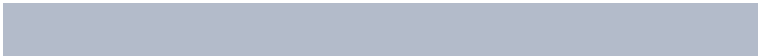
Harmonies

Analogous

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



45.5101, 49.3886, 61.7731



47.0214, 49.3886, 62.9318



48.5442, 49.3886, 61.5253

Triad

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



47.0214, 49.3886, 62.9318



49.5756, 49.3886, 49.3660



44.3281, 49.3886, 49.7369

Complementary

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



47.0214, 49.3886, 62.9318



51.7859, 54.3946, 50.4186

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.



45.3762, 49.3886, 46.7059



47.0214, 49.3886, 62.9318



48.4044, 49.3886, 46.5004

Square

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



47.0214, 49.3886, 62.9318



50.0391, 49.3886, 53.5499



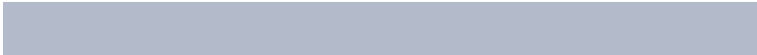
46.8635, 49.3886, 45.5539



43.9762, 49.3886, 54.0023

Rectangle

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



47.0214, 49.3886, 62.9318



49.3552, 49.3886, 59.3655



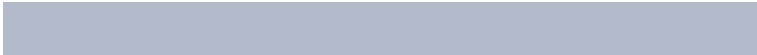
46.8635, 49.3886, 45.5539



44.6095, 49.3886, 48.5485

Sweetspot

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



47.0229, 49.3907, 62.9329



90.7206, 95.4363, 108.2473



49.4438, 55.7184, 59.1591



19.1758, 20.1713, 23.1327



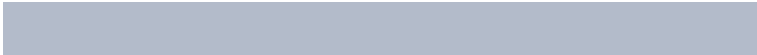
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



47.0229, 49.3907, 62.9329



76.1320, 79.8831, 106.0141



46.1796, 46.5054, 62.4204



10.9157, 11.4718, 14.2093



8.3565, 5.7370, 36.6232



0.5018, 0.4374, 1.9129

Inverse Universe

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



49.4480, 48.3857, 53.7492



81.1758, 77.8901, 86.8924



52.6920, 57.5772, 50.9851



11.3708, 11.2771, 12.4872



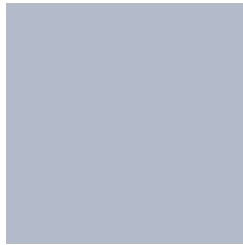
16.4289, 8.3821, 4.7112



0.8832, 0.4467, 0.4310

Previews

White Background



This preview shows how the XYZ color 47.0214, 49.3886, 62.9318 looks on a white background.

Color Contrast Check

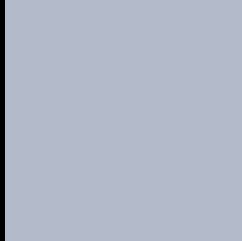
Large Text (above 18pt) WCAG AA × Fail

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 47.0214, 49.3886, 62.9318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

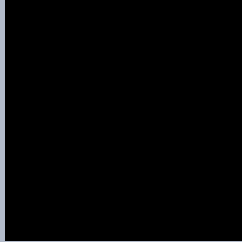
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

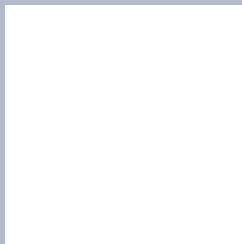
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0214, 49.3886, 62.9318

Background



This preview shows how black text looks on a background with the XYZ color 47.0214, 49.3886, 62.9318.

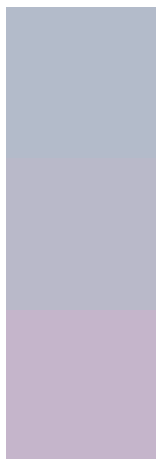


This preview shows how white text looks on a background with the XYZ color 47.0214, 49.3886,

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

47.0214, 49.3886, 62.9318

Protanopia

47.8992, 49.2293, 62.2360

Deuteranopia

50.3293, 49.2299, 63.3496



Tritanopia

47.0214, 49.3886, 62.9318

Trichromacy



Original Color

47.0214, 49.3886, 62.9318

Protanomaly

47.6300, 49.4021, 62.2835

Deuteranomaly

48.9482, 49.1259, 63.4023

Tritanomaly

47.0214, 49.3886, 62.9318

Monochromacy



Original Color

47.0214, 49.3886, 62.9318

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.6018, 48.9909, 56.8692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0214, 49.3886, 62.9318 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(179, 187, 202) looks like.

```
.text, #text, p{  
    color:rgb(179, 187, 202)  
}
```

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(179, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 187, 202) }
```

Border

The CSS property to change the border of an element to XYZ 47.0214, 49.3886, 62.9318 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(179, 187, 202) }
```


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

```
.border{ border-color:rgb(179, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(179, 187,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0214, 49.3886, 62.9318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 187, 202) }
```

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

```
.background{ background-color: rgb(179,  
187, 202) }
```

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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