

Converting Colors

XYZ(47.6469, 48.9435, 62.0899)

Have a look what the booklet for
XYZ(47.6469, 48.9435, 62.0899)
contains.

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Color

**XYZ(47.4503, 48.6884,
62.1552)**

Conversions

Conversions Part 1

Format	Color
Hex	B8B8C9
RGB	184, 184, 201
RGB Percent	72%, 72%, 79%
CMY	0.2784, 0.2784, 0.2118
CMYK	0.08, 0.08, 0.00, 0.21
HSL	240°, 14%, 75%
HSV	240°, 8%, 79%
XYZ	47.4503, 48.6884, 62.1552
YIQ	185.9380, -5.4570, 5.2870

Conversions

Conversions Part 2

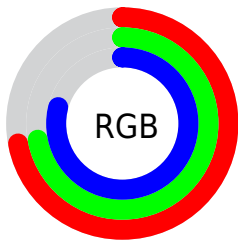
Format	Color
RYB	184, 184, 201
Decimal	12105929
CIELab	75.26, 3.30, -8.57
CIElCh	75, 9.181, 291.045
Yxy	48.6884, 0.2998, 0.3076
Android (android.graphics.Color)	4290296009 (0xFFB8B8C9)
YUV	185.9380, 7.4256, -1.6996
Hunter-Lab	69.7771, -0.7250, -3.9697

Details

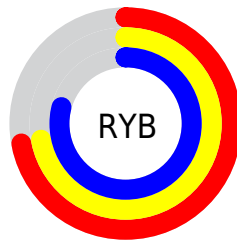
The XYZ color **47.4503, 48.6884, 62.1552** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6259, 57.6511, 53.6498**, and the grayscale version is **46.6006, 49.0274, 53.3909**.

A 20% lighter version of the original color is **85.1453, 88.0654, 107.1184**, and **22.7428, 23.1645, 30.8763** is the 20% darker color. If you saturate the color by 10%, you get **39.0912, 38.6169, 60.6525**, and if you desaturate by 10%, it is **57.0895, 60.3028, 63.8897**.

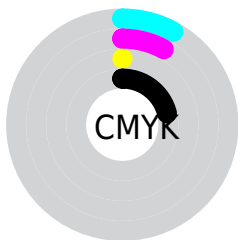
Distribution



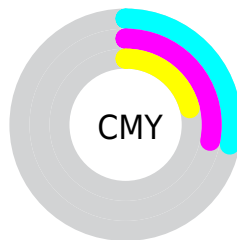
- Red (72%)
- Green (72%)
- Blue (79%)



- Red (72%)
- Yellow (72%)
- Blue (79%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4503, 48.6884, 62.1552 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 47.4503, 48.6884, 62.1552 by changing the saturation by 10% instead.

■ 47.4503, 48.6884,
62.1552

■ 47.4503, 48.6884,
62.1552

367.2280,
381.5143, 450.5203

■ 33.6012, 34.3724,
44.7215

■ 85.6000, 88.2285,
109.5236

■ 22.7488, 23.1798,
30.8968

110.6314,
114.2213, 140.2954

■ 14.5278, 14.7263,
20.2625

140.1209,
144.8752, 176.3502

■ 8.5728, 8.6275,
12.4000

174.4339,
180.5746, 218.1068

■ 4.5185, 4.4991,
6.8909

213.9358,
221.7037, 265.9835

■ 1.9994, 1.9565,
3.3165

258.9919,

■ 0.6336, 0.5820,

268.6472, 320.3990

1.2584

309.9675,
321.7892, 381.7717

■ 0.0000, 0.0000,
0.0274

■ 0.0000, 0.0000,
0.0000

■ 47.4503, 48.6884,
62.1552

■ 47.4503, 48.6884,
62.1552

■ 39.0912, 38.6169,
60.6525

■ 57.0895, 60.3028,
63.8897

■ 31.9543, 30.0176,
59.3689

■ 68.0549, 73.5148,
65.8619

■ 25.9836, 22.8235,
58.2949

■ 80.3956, 88.3837,
68.0815

■ 21.1173, 16.9599,
57.4196

■ 87.5428, 96.9971,
69.3674

■ 17.2875, 12.3452,
56.7308

■ 14.4193, 8.8890,
56.2148

■ 12.4274, 6.4887,
55.8565

■ 11.2117, 5.0235,
55.6378

■ 10.6155, 4.3051,
55.5305

Harmonies

Analogous

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



45.7743, 48.6884, 62.7194



47.4503, 48.6884, 62.1552



48.8428, 48.6884, 59.0649

Triad

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



47.4503, 48.6884, 62.1552



48.3442, 48.6884, 46.1190



43.1491, 48.6884, 51.5818

Complementary

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



47.4503, 48.6884, 62.1552



53.6259, 57.6511, 53.6498

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.



43.8024, 48.6884, 47.3900



47.4503, 48.6884, 62.1552



46.7831, 48.6884, 44.3643

Square

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



47.4503, 48.6884, 62.1552



49.3676, 48.6884, 49.7501



45.1229, 48.6884, 44.8150



43.3179, 48.6884, 56.4163

Rectangle

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



47.4503, 48.6884, 62.1552



49.4098, 48.6884, 56.0855



45.1229, 48.6884, 44.8150



43.2792, 48.6884, 50.0556

Sweetspot

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



47.4517, 48.6905, 62.1563



89.8996, 93.7944, 107.9736



51.1639, 56.1682, 63.2294



18.9551, 19.7299, 23.0592



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.



47.4517, 48.6905, 62.1563



78.6818, 80.2783, 105.9560



49.4771, 49.7338, 62.2509



10.0568, 10.2878, 13.3732



6.6291, 2.6521, 34.9069



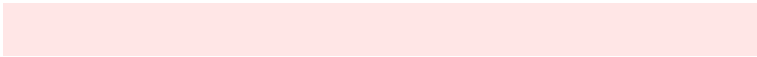
0.3139, 0.1257, 1.6529

Inverse Universe

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



49.8807, 50.1603, 52.4027



83.6112, 83.2611, 86.1623



51.4763, 56.5438, 53.5493



10.6340, 10.6370, 11.0558



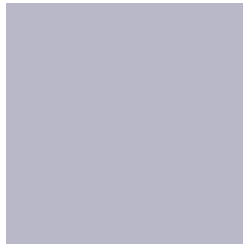
15.1454, 7.8077, 0.7095



0.7172, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 47.4503, 48.6884, 62.1552 looks on a white background.

Color Contrast Check

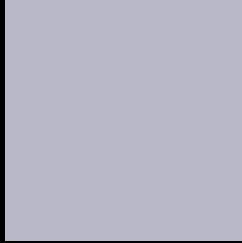
Large Text (above 18pt) WCAG AA × Fail

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 47.4503, 48.6884, 62.1552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

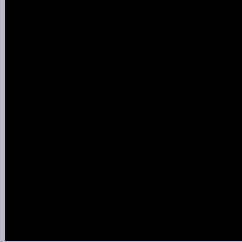
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4503, 48.6884, 62.1552

Background



This preview shows how black text looks on a background with the XYZ color 47.4503, 48.6884, 62.1552.

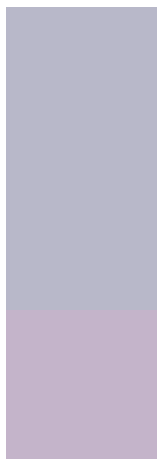


This preview shows how white text looks on a background with the XYZ color 47.4503, 48.6884,

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

47.4503, 48.6884, 62.1552

Protanopia

47.4503, 48.6884, 62.1552

Deuteranopia

49.7469, 48.6425, 62.6441



Tritanopia

47.2165, 48.5948, 60.9240

Trichromacy



Original Color

47.4503, 48.6884, 62.1552

Protanomaly

47.4503, 48.6884, 62.1552

Deuteranomaly

48.9228, 48.5185, 62.6636

Tritanomaly

47.3330, 48.6415, 61.5376

Monochromacy



Original Color

47.4503, 48.6884, 62.1552

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.7605, 48.7738, 56.2400

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4503, 48.6884, 62.1552 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(184, 184, 201)` looks like.

```
.text, #text, p{  
    color:rgb(184, 184, 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(184, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 184, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.4503, 48.6884, 62.1552 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(184, 184, 201) }
```


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

```
.border{ border-color:rgb(184, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(184, 184,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4503, 48.6884, 62.1552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 184, 201) }
```

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

```
.background{ background-color: rgb(184,  
184, 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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