

Converting Colors

XYZ(48.1288, 49.2148, 62.7830)

Have a look what the booklet for
XYZ(48.1288, 49.2148, 62.7830)
contains.

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Color

**XYZ(48.2593, 49.4013,
62.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB9CA
RGB	186, 185, 202
RGB Percent	73%, 73%, 79%
CMY	0.2706, 0.2745, 0.2078
CMYK	0.08, 0.08, 0.00, 0.21
HSL	244°, 14%, 76%
HSV	244°, 8%, 79%
XYZ	48.2593, 49.4013, 62.8690
YIQ	187.2370, -4.8610, 5.4990

Conversions

Conversions Part 2

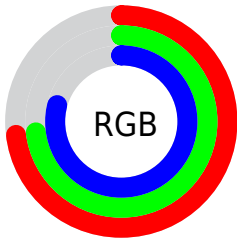
Format	Color
RYP	186, 185, 202
Decimal	12237258
CIELab	75.70, 3.63, -8.44
CIELCh	76, 9.184, 293.267
Yxy	49.4013, 0.3006, 0.3077
Android (android.graphics.Color)	4290427338 (0xFFBAB9CA)
YUV	187.2370, 7.2782, -1.0848
Hunter-Lab	70.2861, -0.4402, -3.8331

Details

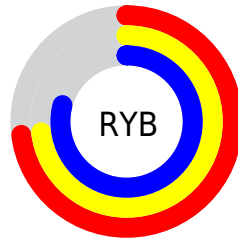
The XYZ color **48.2593, 49.4013, 62.8690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9668, 58.1627, 54.2836**, and the grayscale version is **47.3312, 49.7961, 54.2280**.

A 20% lighter version of the original color is **86.1232, 89.0078, 107.2488**, and **23.2694, 23.6272, 31.3510** is the 20% darker color. If you saturate the color by 10%, you get **40.0141, 39.3180, 61.3581**, and if you desaturate by 10%, it is **57.7225, 61.0064, 64.6110**.

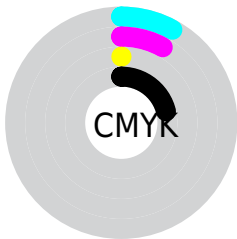
Distribution



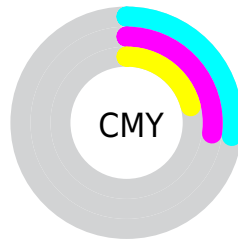
- Red (73%)
- Green (73%)
- Blue (79%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.2593, 49.4013, 62.8690 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 48.2593, 49.4013, 62.8690 by changing the saturation by 10% instead.

■ 48.2593, 49.4013,
62.8690

■ 48.2593, 49.4013,
62.8690

370.3845,
384.3200, 453.1888

■ 34.2444, 34.9379,
45.2949

■ 86.7977, 89.2872,
110.5642

■ 23.2452, 23.6151,
31.3451

112.0519,
115.4785, 141.5225

■ 14.8963, 15.0483,
20.6011

141.7833,
146.3479, 177.7792

■ 8.8325, 8.8533,
12.6444

176.3571,
182.2797, 219.7529

■ 4.6883, 4.6456,
7.0563

216.1388,
223.6585, 267.8622

■ 2.0984, 2.0409,
3.4183

261.4937,

■ 0.6884, 0.6311,

270.8685, 322.5256

1.3120

312.7871,
324.2942, 384.1616

■ 0.0000, 0.0000,
0.0716

■ 0.0000, 0.0000,
0.0000

■ 48.2593, 49.4013,
62.8690

■ 48.2593, 49.4013,
62.8690

■ 40.0141, 39.3180,
61.3581

■ 57.7225, 61.0064,
64.6110

■ 32.9333, 30.6876,
60.0654

■ 68.4459, 74.1862,
66.5898

■ 26.9658, 23.4448,
58.9819

■ 80.4749, 88.9988,
68.8149

■ 22.0547, 17.5172,
58.0967

■ 87.6608, 97.0443,
69.9891

■ 18.1385, 12.8259,
57.3975

■ 15.1489, 9.2833,
56.8713

■ 13.0095, 6.7903,
56.5029

■ 11.6310, 5.2313,
56.2746

■ 10.8904, 4.4343,
56.1598

Harmonies

Analogous

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



46.5718, 49.4013, 63.6463



48.2593, 49.4013, 62.8690



49.6268, 49.4013, 59.5931

Triad

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



48.2593, 49.4013, 62.8690



48.9394, 49.4013, 46.6213



43.7783, 49.4013, 52.6981

Complementary

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



48.2593, 49.4013, 62.8690



53.9668, 58.1627, 54.2836

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.



44.3798, 49.4013, 48.3757



48.2593, 49.4013, 62.8690



47.3392, 49.4013, 45.0070

Square

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



48.2593, 49.4013, 62.8690



50.0260, 49.4013, 50.1710



45.6733, 49.4013, 45.6294



44.0112, 49.4013, 57.5781

Rectangle

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



48.2593, 49.4013, 62.8690



50.1593, 49.4013, 56.5339



45.6733, 49.4013, 45.6294



43.8892, 49.4013, 51.1356

Sweetspot

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



48.2608, 49.4034, 62.8701



90.0580, 93.8755, 107.9810



51.5914, 56.4231, 64.0495



18.9976, 19.7517, 23.0611



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.



48.2608, 49.4034, 62.8701



79.1615, 80.5239, 105.9782



50.3495, 50.4802, 62.9678



10.6616, 10.8749, 14.1075



6.9817, 2.8067, 36.1301



0.3820, 0.1560, 1.8649

Inverse Universe

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



52.2505, 51.4738, 62.4425



87.2079, 84.6998, 105.1025



51.7822, 57.0365, 54.1813



11.6580, 11.3919, 13.9998



21.6766, 10.4812, 32.3453



1.1271, 0.5443, 1.7152

Previews

White Background



This preview shows how the XYZ color 48.2593, 49.4013, 62.8690 looks on a white background.

Color Contrast Check

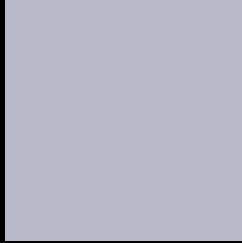
Large Text (above 18pt) WCAG AA × Fail

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 48.2593, 49.4013, 62.8690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

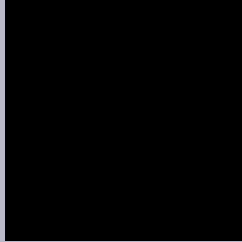
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.2593, 49.4013, 62.8690

Background



This preview shows how black text looks on a background with the XYZ color 48.2593, 49.4013, 62.8690.

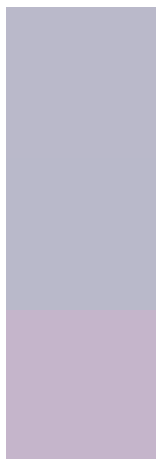


This preview shows how white text looks on a background with the XYZ color 48.2593, 49.4013,

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

48.2593, 49.4013, 62.8690

Protanopia

48.0172, 49.2765, 62.8576

Deuteranopia

50.3293, 49.2299, 63.3496



Tritanopia

48.0240, 49.3072, 61.6297

Trichromacy



Original Color

48.2593, 49.4013, 62.8690

Protanomaly

48.0172, 49.2765, 62.8576

Deuteranomaly

49.4998, 49.1052, 63.3692

Tritanomaly

48.1413, 49.3541, 62.2473

Monochromacy



Original Color

48.2593, 49.4013, 62.8690

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5669, 49.4884, 56.9143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2593, 49.4013, 62.8690 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(186, 185, 202) looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 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(186, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 202) }
```

Border

The CSS property to change the border of an element to XYZ 48.2593, 49.4013, 62.8690 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(186, 185, 202) }
```


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

```
.border{ border-color:rgb(186, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2593, 49.4013, 62.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 202) }
```

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

```
.background{ background-color: rgb(186,  
185, 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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