

Converting Colors

XYZ(47.4460, 48.0636, 62.2784)

Have a look what the booklet for
XYZ(47.4460, 48.0636, 62.2784)
contains.

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Color

**XYZ(47.5203, 48.1120,
62.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB6C9
RGB	186, 182, 201
RGB Percent	73%, 71%, 79%
CMY	0.2706, 0.2863, 0.2118
CMYK	0.07, 0.09, 0.00, 0.21
HSL	253°, 15%, 75%
HSV	253°, 9%, 79%
XYZ	47.5203, 48.1120, 62.0403
YIQ	185.3620, -3.7150, 6.7570

Conversions

Conversions Part 2

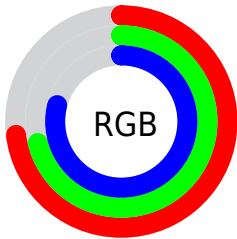
Format	Color
R _Y B	186, 182, 201
Decimal	12236489
CIE Lab	74.90, 5.05, -9.09
CIE LCh	75, 10.399, 299.056
Yxy	48.1120, 0.3014, 0.3051
Android (android.graphics.Color)	4290426569 (0xFFBAB6C9)
YUV	185.3620, 7.7095, 0.5595
Hunter-Lab	69.3628, 0.9050, -4.4769

Details

The XYZ color **47.5203, 48.1120, 62.0403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3577, 57.0222, 52.5050**, and the grayscale version is **46.2767, 48.6867, 53.0198**.

A 20% lighter version of the original color is **85.2425, 87.2463, 106.9552**, and **22.7896, 22.7936, 30.8022** is the 20% darker color. If you saturate the color by 10%, you get **40.0522, 38.5847, 60.5957**, and if you desaturate by 10%, it is **56.0103, 59.0458, 63.7040**.

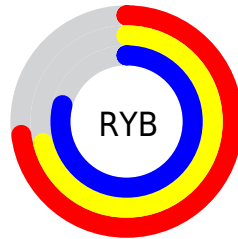
Distribution



Red (73%)

Green (71%)

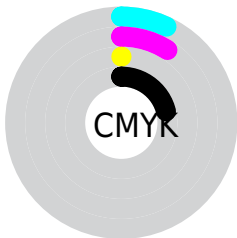
Blue (79%)



Red (73%)

Yellow (71%)

Blue (79%)

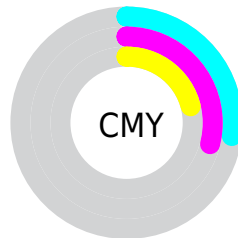


Cyan (7%)

Magenta (9%)

Yellow (0%)

Black (21%)



Cyan (27%)

Magenta (29%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.5203, 48.1120, 62.0403 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 47.5203, 48.1120, 62.0403 by changing the saturation by 10% instead.

■ 47.5203, 48.1120,
62.0403

■ 47.5203, 48.1120,
62.0403

367.5019,
379.2359, 450.0898

■ 33.6568, 33.9156,
44.6293

■ 85.7038, 87.3711,
109.3559

■ 22.7917, 22.8288,
30.8247

110.7545,
113.2027, 140.0976

■ 14.5596, 14.4671,
20.2080

140.2650,
143.6813, 176.1199

■ 8.5952, 8.4463,
12.3608

174.6007,
179.1916, 217.8414

■ 4.5331, 4.3818,
6.8644

214.1268,
220.1177, 265.6806

■ 2.0079, 1.8893,
3.3003

259.2088,

■ 0.6384, 0.5420,

266.8443, 320.0560

1.2499

310.2121,
319.7555, 381.3862

■ 0.0000, 0.0000,
0.0202

■ 0.0000, 0.0000,
0.0000

■ 47.5203, 48.1120,
62.0403

■ 47.5203, 48.1120,
62.0403

■ 40.0522, 38.5847,
60.5957

■ 56.0103, 59.0458,
63.7040

■ 33.5629, 30.4005,
59.3580

■ 65.5548, 71.4340,
65.5921

■ 28.0121, 23.5002,
58.3187

■ 76.1902, 85.3297,
67.7137

■ 23.3553, 17.8178,
57.4673

■ 85.5420, 95.9657,
69.2738

■ 19.5443, 13.2813,
56.7925

■ 87.5428, 96.9971,
69.3674

■ 16.5259, 9.8108,
56.2818

■ 14.2409, 7.3163,
55.9207

■ 12.6207, 5.6920,
55.6926

■ 11.5581, 4.7583,
55.5684

Harmonies

Analogous

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



45.6691, 48.1120, 63.5194



47.5203, 48.1120, 62.0403



48.9236, 48.1120, 57.9328

Triad

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



47.5203, 48.1120, 62.0403



47.6269, 48.1120, 43.9413



42.1841, 48.1120, 52.2142

Complementary

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



47.5203, 48.1120, 62.0403



52.3577, 57.0222, 52.5050

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.



42.6766, 48.1120, 47.2046



47.5203, 48.1120, 62.0403



45.7890, 48.1120, 42.6357

Square

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



47.5203, 48.1120, 62.0403



48.9863, 48.1120, 47.4827



43.9833, 48.1120, 43.7887



42.6194, 48.1120, 57.6153

Rectangle

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



47.5203, 48.1120, 62.0403



49.3979, 48.1120, 54.3905



43.9833, 48.1120, 43.7887



42.2464, 48.1120, 50.4309

Sweetspot

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



47.5217, 48.1140, 62.0414



90.4705, 94.0882, 108.0003



49.8472, 54.1869, 63.0910



19.1084, 19.8088, 23.0663



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.



47.5217, 48.1140, 62.0414



79.0617, 79.4297, 105.7722



49.8554, 49.3171, 62.1506



10.2618, 10.3932, 13.3827



7.2999, 2.9975, 34.9382



0.4079, 0.1740, 1.6572

Inverse Universe

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



50.8949, 49.9066, 59.7759



85.8094, 83.0164, 101.2031



49.9969, 55.8051, 52.3946



10.9838, 10.7769, 12.8980



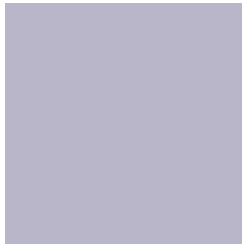
19.0981, 9.3888, 21.5243



0.9290, 0.4544, 1.1491

Previews

White Background



This preview shows how the XYZ color 47.5203, 48.1120, 62.0403 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 47.5203, 48.1120, 62.0403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

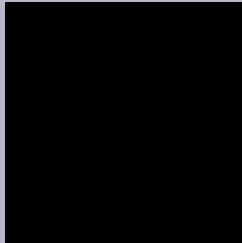
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5203, 48.1120, 62.0403

Background



This preview shows how black text looks on a background with the XYZ color 47.5203, 48.1120, 62.0403.



This preview shows how white text looks on a background with the XYZ color 47.5203, 48.1120,

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

47.5203, 48.1120, 62.0403

Protanopia

46.8856, 48.0763, 62.6856

Deuteranopia

49.0289, 47.9738, 62.5529



Tritanopia

47.0191, 48.2125, 59.6511

Trichromacy



Original Color

47.5203, 48.1120, 62.0403

Protanomaly

47.1226, 48.1985, 62.6967

Deuteranomaly

48.4678, 47.9832, 62.5843

Tritanomaly

47.1341, 48.2585, 60.2567

Monochromacy



Original Color

47.5203, 48.1120, 62.0403

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5520, 48.3569, 56.1705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5203, 48.1120, 62.0403 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, 182, 201)` looks like.

```
.text, #text, p{  
    color:rgb(186, 182, 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(186, 182, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 182, 201) }
```

Border

The CSS property to change the border of an element to XYZ 47.5203, 48.1120, 62.0403 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, 182, 201) }
```


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

```
.border{ border-color:rgb(186, 182, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 182, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 182, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 182, 201);  
box-shadow:4px 4px 4px 4px rgb(186, 182,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5203, 48.1120, 62.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 182, 201) }
```

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

```
.background{ background-color: rgb(186,  
182, 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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