

Converting Colors

XYZ(48.7131, 49.4507, 52.1536)

Have a look what the booklet for
XYZ(48.7131, 49.4507, 52.1536)
contains.

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Color

**XYZ(48.8182, 49.6120,
52.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8B8
RGB	197, 184, 184
RGB Percent	77%, 72%, 72%
CMY	0.2274, 0.2784, 0.2784
CMYK	0.00, 0.07, 0.07, 0.23
HSL	0°, 10%, 75%
HSV	0°, 7%, 77%
XYZ	48.8182, 49.6120, 52.3505
YIQ	187.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

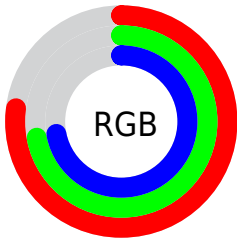
Format	Color
RYB	197, 184, 184
Decimal	12957880
CIELab	75.83, 4.60, 1.65
CIELCh	76, 4.887, 19.699
Yxy	49.6120, 0.3238, 0.3290
Android (android.graphics.Color)	4291147960 (0xFFC5B8B8)
YUV	187.8870, -1.9163, 7.9921
Hunter-Lab	70.4358, 0.4536, 5.2385

Details

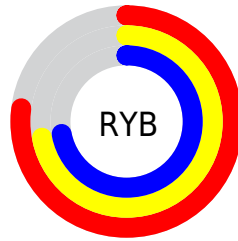
The XYZ color **48.8182, 49.6120, 52.3505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8114, 54.1532, 60.6513**, and the grayscale version is **47.7445, 50.2309, 54.7014**.

A 20% lighter version of the original color is **87.7613, 89.6823, 95.1230**, and **23.5407, 23.7109, 24.8087** is the 20% darker color. If you saturate the color by 10%, you get **43.0853, 41.2236, 40.9509**, and if you desaturate by 10%, it is **55.4111, 59.2589, 65.4568**.

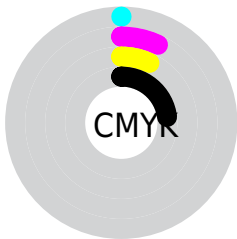
Distribution



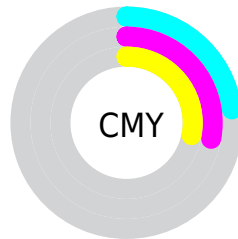
- Red (77%)
- Green (72%)
- Blue (72%)



- Red (77%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8182, 49.6120, 52.3505 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 48.8182, 49.6120, 52.3505 by changing the saturation by 10% instead.

■ 48.8182, 49.6120,
52.3505

■ 48.8182, 49.6120,
52.3505

372.5550,
385.1467, 412.7836

■ 34.6892, 35.1052,
36.9004

■ 87.6237, 89.5997,
95.0798

■ 23.5890, 23.7439,
24.8352

113.0310,
115.8495, 123.1960

■ 15.1521, 15.1438,
15.7364

142.9284,
146.7823, 156.3714

■ 9.0132, 8.9204,
9.1855

177.6813,
182.7826, 195.0243

■ 4.8070, 4.6893,
4.7639

217.6551,
224.2348, 239.5735

■ 2.1680, 2.0661,
2.0531

263.2150,

■ 0.7258, 0.6455,

271.5233, 290.4374

0.5876

314.7266,
325.0324, 348.0346

■ 0.0000, 0.0000,
0.0000

■ 48.8182, 49.6120,
52.3505

■ 48.8182, 49.6120,
52.3505

■ 43.0853, 41.2236,
40.9509

■ 55.4111, 59.2589,
65.4568

■ 38.1730, 34.0358,
31.1847

■ 62.8930, 70.2064,
80.3326

■ 34.0451, 27.9956,
22.9782

■ 71.2967, 82.5025,
97.0414

■ 30.6609, 23.0436,
16.2507

■ 76.8362, 90.6105,
108.0476

■ 27.9763, 19.1151,
10.9141

■ 25.9423, 16.1386,
6.8713

■ 24.5038, 14.0335,
4.0124

■ 23.5965, 12.7055,
2.2096

■ 23.1362, 12.0317,
1.2953

Harmonies

Analogous

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



48.8940, 49.6120, 54.9184



48.8182, 49.6120, 52.3505



48.2934, 49.6120, 50.2934

Triad

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



48.8182, 49.6120, 52.3505



45.8352, 49.6120, 50.8480



46.8431, 49.6120, 59.0912

Complementary

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



48.8182, 49.6120, 52.3505



49.8114, 54.1532, 60.6513

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.



46.0341, 49.6120, 57.9242



48.8182, 49.6120, 52.3505



45.4572, 49.6120, 53.1295

Square

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



48.8182, 49.6120, 52.3505



46.5685, 49.6120, 49.4454



45.5295, 49.6120, 55.7226



47.7459, 49.6120, 58.8663

Rectangle

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



48.8182, 49.6120, 52.3505



47.7633, 49.6120, 49.4624



45.5295, 49.6120, 55.7226



46.5514, 49.6120, 58.8473

Sweetspot

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



48.8196, 49.6142, 52.3516



92.6346, 96.4658, 104.0977



50.2452, 50.1833, 59.8621



19.8529, 20.6846, 22.3315



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.



48.8196, 49.6142, 52.3516



85.7731, 86.4260, 90.4558



50.2003, 52.3756, 52.8118



10.6341, 10.6374, 11.0555



15.1457, 7.8086, 0.7089



0.7172, 0.3699, 0.0336

Inverse Universe

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



49.8114, 54.1532, 60.6513



87.9373, 96.3307, 108.5666



48.3679, 51.2662, 60.1701



10.9465, 12.0671, 13.6697



19.7539, 28.9018, 39.2818



0.9354, 1.3687, 1.8600

Previews

White Background



This preview shows how the XYZ color 48.8182, 49.6120, 52.3505 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 48.8182, 49.6120, 52.3505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

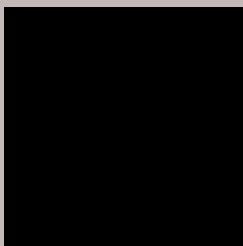
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

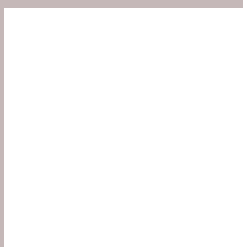
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8182, 49.6120, 52.3505

Background



This preview shows how black text looks on a background with the XYZ color 48.8182, 49.6120, 52.3505.



This preview shows how white text looks on a background with the XYZ color 48.8182, 49.6120,

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

48.8182, 49.6120, 52.3505

Protanopia

47.8017, 49.6970, 52.9720

Deuteranopia

50.7344, 49.6723, 52.8127



Tritanopia

50.2449, 49.5835, 59.1469

Trichromacy



Original Color

48.8182, 49.6120, 52.3505

Protanomaly

48.0982, 49.5382, 52.9257

Deuteranomaly

50.1135, 49.6552, 52.8421

Tritanomaly

49.7366, 49.6785, 56.8367

Monochromacy



Original Color

48.8182, 49.6120, 52.3505

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2258, 50.2049, 54.1624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8182, 49.6120, 52.3505 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(197, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 184)  
}
```

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(197, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.8182, 49.6120, 52.3505 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(197, 184, 184) }
```


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

```
.border{ border-color:rgb(197, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8182, 49.6120, 52.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 184) }
```

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

```
.background{ background-color: rgb(197,  
184, 184) }
```

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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