

Converting Colors

XYZ(48.6612, 49.8526, 51.8575)

Have a look what the booklet for
XYZ(48.6612, 49.8526, 51.8575)
contains.

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Color

**XYZ(48.6612, 49.8526,
51.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B9B7
RGB	196, 185, 183
RGB Percent	77%, 73%, 72%
CMY	0.2314, 0.2745, 0.2823
CMYK	0.00, 0.06, 0.07, 0.23
HSL	9°, 10%, 74%
HSV	9°, 7%, 77%
XYZ	48.6612, 49.8526, 51.8575
YIQ	188.0610, 7.1980, 1.7100

Conversions

Conversions Part 2

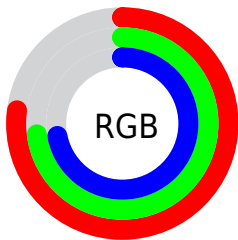
Format	Color
R_YB	196, 185, 183
Decimal	12892599
CIE Lab	75.98, 3.53, 2.40
CIE LCh	76, 4.268, 34.152
Yxy	49.8526, 0.3236, 0.3315
Android (android.graphics.Color)	4291082679 (0xFFC4B9B7)
YUV	188.0610, -2.4951, 6.9625
Hunter-Lab	70.6064, -0.5408, 5.8784

Details

The XYZ color **48.6612, 49.8526, 51.8575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.7840, 52.6356, 59.8138**, and the grayscale version is **47.8467, 50.3384, 54.8185**.

A 20% lighter version of the original color is **87.5433, 90.0252, 94.4239**, and **23.4359, 23.8650, 24.4903** is the 20% darker color. If you saturate the color by 10%, you get **43.4934, 42.5572, 40.7611**, and if you desaturate by 10%, it is **54.5204, 58.0749, 64.5872**.

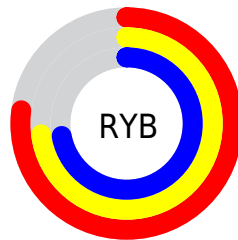
Distribution



Red (77%)

Green (73%)

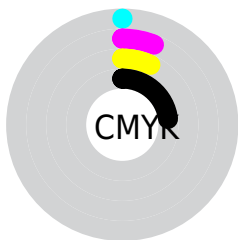
Blue (72%)



Red (77%)

Yellow (73%)

Blue (72%)

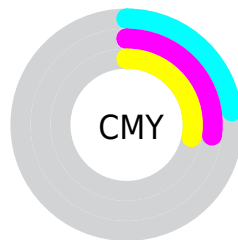


Cyan (0%)

Magenta (6%)

Yellow (7%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.6612, 49.8526, 51.8575 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 48.6612, 49.8526, 51.8575 by changing the saturation by 10% instead.

■ 48.6612, 49.8526,
51.8575

■ 48.6612, 49.8526,
51.8575

371.9461,
386.0892, 410.8275

■ 34.5642, 35.2963,
36.5100

■ 87.3918, 89.9564,
94.3455

■ 23.4923, 23.8912,
24.5356

112.7561,
116.2728, 122.3231

■ 15.0801, 15.2529,
15.5155

142.6070,
147.2779, 155.3479

■ 8.9623, 8.9971,
9.0314

177.3097,
183.3562, 193.8383

■ 4.7735, 4.7393,
4.6645

217.2296,
224.8921, 238.2129

■ 2.1484, 2.0951,
1.9965

262.7321,

■ 0.7153, 0.6619,

272.2700, 288.8903

0.5532

314.1825,
325.8742, 346.2890

■ 0.0000, 0.0000,
0.0000

■ 48.6612, 49.8526,
51.8575

■ 48.6612, 49.8526,
51.8575

■ 43.4934, 42.5572,
40.7611

■ 54.5204, 58.0749,
64.5872

■ 38.9873, 36.1499,
31.2287

■ 61.0910, 67.2484,
79.0093

■ 35.1173, 30.5986,
23.1907

■ 68.3974, 77.4045,
95.1839

■ 31.8542, 25.8669,
16.5712

■ 75.4133, 88.1521,
107.6481

■ 29.1669, 21.9157,
11.2873

■ 76.5753, 90.4759,
108.0354

■ 27.0213, 18.7027,
7.2479

■ 25.3794, 16.1815,
4.3499

■ 24.1985, 14.3004,
2.4739

■ 23.4259, 12.9994,
1.4640

Harmonies

Analogous

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



48.9262, 49.8526, 53.9643



48.6612, 49.8526, 51.8575



48.0538, 49.8526, 50.4314

Triad

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



48.6612, 49.8526, 51.8575



46.0194, 49.8526, 52.3924



47.4943, 49.8526, 58.7708

Complementary

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



48.6612, 49.8526, 51.8575



48.7840, 52.6356, 59.8138

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.



46.7193, 49.8526, 58.3217



48.6612, 49.8526, 51.8575



45.8734, 49.8526, 54.5989

Square

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



48.6612, 49.8526, 51.8575



46.5294, 49.8526, 50.7341



46.1282, 49.8526, 56.7789



48.2477, 49.8526, 57.9895

Rectangle

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



48.6612, 49.8526, 51.8575



47.5395, 49.8526, 50.0366



46.1282, 49.8526, 56.7789



47.2276, 49.8526, 58.7589

Sweetspot

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



48.6626, 49.8548, 51.8586



92.8788, 96.9542, 104.1791



49.4424, 49.5008, 58.0178



19.9026, 20.7841, 22.3481



0.0000, 0.0000, 0.0000



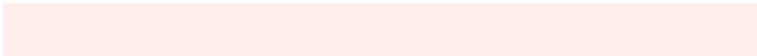
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6626, 49.8548, 51.8586



86.6777, 88.2351, 90.7573



50.0420, 52.6136, 52.3184



10.1958, 10.3229, 10.5170



14.9700, 8.2257, 0.7987



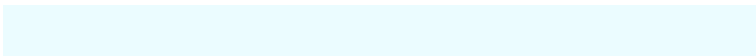
0.6875, 0.4367, 0.0481

Inverse Universe

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



48.7840, 52.6356, 59.8138



86.9442, 94.3446, 108.2356



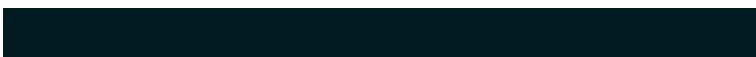
47.3802, 49.8280, 59.3459



10.2321, 11.1554, 12.8988



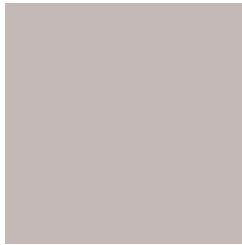
15.1911, 20.1387, 36.6431



0.6929, 0.9431, 1.5954

Previews

White Background



This preview shows how the XYZ color 48.6612, 49.8526, 51.8575 looks on a white background.

Color Contrast Check

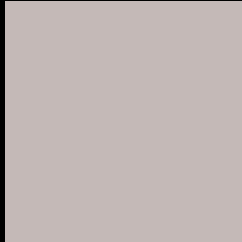
Large Text (above 18pt) WCAG AA × Fail

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 48.6612, 49.8526, 51.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

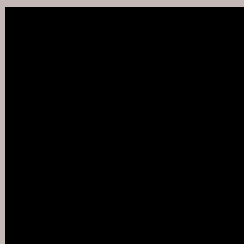
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

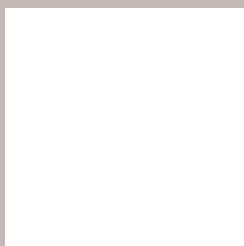
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6612, 49.8526, 51.8575

Background



This preview shows how black text looks on a background with the XYZ color 48.6612, 49.8526, 51.8575.



This preview shows how white text looks on a background with the XYZ color 48.6612, 49.8526, 51.8575.

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

48.6612, 49.8526, 51.8575

Protanopia

47.6965, 49.6549, 52.4179

Deuteranopia

50.9077, 49.7738, 52.2716



Tritanopia

50.3002, 49.9040, 59.8046

Trichromacy



Original Color

48.6612, 49.8526, 51.8575

Protanomaly

48.2030, 49.9160, 52.4416

Deuteranomaly

50.0083, 49.6131, 52.2880

Tritanomaly

49.6809, 49.9571, 56.8934

Monochromacy



Original Color

48.6612, 49.8526, 51.8575

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.1191, 50.1622, 53.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6612, 49.8526, 51.8575 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(196, 185, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 183)  
}
```

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(196, 185, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.6612, 49.8526, 51.8575 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(196, 185, 183) }
```


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

```
.border{ border-color:rgb(196, 185, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6612, 49.8526, 51.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 183) }
```

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

```
.background{ background-color: rgb(196,  
185, 183) }
```

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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