

Converting Colors

XYZ(49.5824, 52.6742, 52.9020)

Have a look what the booklet for
XYZ(49.5824, 52.6742, 52.9020)
contains.

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Color

**XYZ(49.4937, 52.4974,
52.8718)**

Conversions

Conversions Part 1

Format	Color
Hex	C1C0B8
RGB	193, 192, 184
RGB Percent	76%, 75%, 72%
CMY	0.2431, 0.2470, 0.2784
CMYK	0.00, 0.01, 0.05, 0.24
HSL	53°, 7%, 74%
HSV	53°, 5%, 76%
XYZ	49.4937, 52.4974, 52.8718
YIQ	191.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

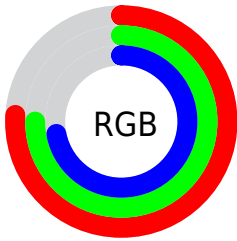
Format	Color
RYB	185, 193, 184
Decimal	12697784
CIELab	77.58, -1.09, 4.14
CIElCh	78, 4.282, 104.751
Yxy	52.4974, 0.3196, 0.3390
Android (android.graphics.Color)	4290887864 (0xFFC1C0B8)
YUV	191.3870, -3.6418, 1.4146
Hunter-Lab	72.4551, -4.8640, 7.4536

Details

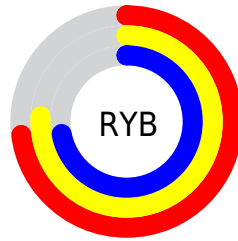
The XYZ color **49.4937, 52.4974, 52.8718** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.7418, 48.7379, 57.3966**, and the grayscale version is **49.7663, 52.3581, 57.0179**.

A 20% lighter version of the original color is **88.3625, 93.5658, 95.8409**, and **24.1446, 25.6794, 25.1568** is the 20% darker color. If you saturate the color by 10%, you get **47.1418, 50.8129, 42.7781**, and if you desaturate by 10%, it is **52.1315, 54.3105, 64.4238**.

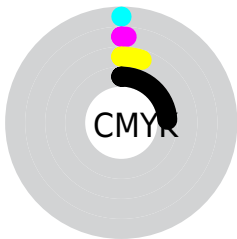
Distribution



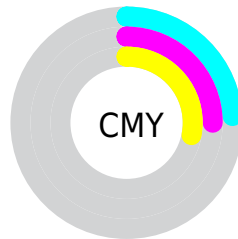
- Red (76%)
- Green (75%)
- Blue (72%)



- Red (73%)
- Yellow (76%)
- Blue (72%)



- Cyan (0%)
- Magenta (1%)
- Yellow (5%)
- Black (24%)



- Cyan (24%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.4937, 52.4974, 52.8718 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 49.4937, 52.4974, 52.8718 by changing the saturation by 10% instead.

■ 49.4937, 52.4974,
52.8718

■ 49.4937, 52.4974,
52.8718

375.1675,
396.3539, 414.8454

■ 35.2274, 37.4017,
37.3134

■ 88.6206, 93.8644,
95.8553

■ 24.0054, 25.5187,
25.1526

114.2119,
120.9045, 124.1176

■ 15.4624, 16.4639,
15.9707

144.3089,
152.6948, 157.4515

■ 9.2330, 9.8530,
9.3493

179.2771,
189.6197, 196.2756

■ 4.9518, 5.3016,
4.8698

219.4816,
232.0637, 241.0086

■ 2.2535, 2.4253,
2.1137

265.2880,

■ 0.7707, 0.8389,

280.4111, 292.0688

0.6239

317.0615,
335.0464, 349.8749

■ 0.0000, 0.0000,
0.0000

■ 49.4937, 52.4974,
52.8718

■ 49.4937, 52.4974,
52.8718

■ 47.1418, 50.8129,
42.7781

■ 52.1315, 54.3105,
64.4238

■ 45.0601, 49.2456,
34.0810

■ 55.0612, 56.2497,
77.4860

■ 43.2383, 47.7932,
26.7190

■ 58.2942, 58.3212,
92.1117

■ 41.6637, 46.4503,
20.6250

■ 60.8253, 60.1230,
103.0068

■ 40.3222, 45.2114,
15.7259

■ 61.3256, 61.1235,
103.1736

■ 39.1986, 44.0704,
11.9415

■ 61.8328, 62.1379,
103.3426

■ 38.2758, 43.0203,
9.1811

■ 62.3470, 63.1663,
103.5140

■ 37.5338, 42.0531,
7.3405

■ 62.8682, 64.2087,
103.6878

■ 36.9485, 41.1591,
6.2929

■ 63.3964, 65.2652,
103.8638

Harmonies

Analogous

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



50.3163, 52.4974, 52.8815



49.4937, 52.4974, 52.8718



48.7868, 52.4974, 53.9893

Triad

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



49.4937, 52.4974, 52.8718



48.7772, 52.4974, 60.4249



51.4461, 52.4974, 58.3661

Complementary

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



49.4937, 52.4974, 52.8718



46.7418, 48.7379, 57.3966

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.



51.0243, 52.4974, 60.4540



49.4937, 52.4974, 52.8718



49.4804, 52.4974, 61.6648

Square

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



49.4937, 52.4974, 52.8718



48.3762, 52.4974, 58.3273



50.3029, 52.4974, 61.6756



51.4497, 52.4974, 56.0098

Rectangle

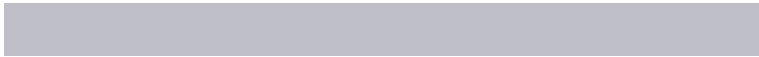
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



49.4937, 52.4974, 52.8718



48.4737, 52.4974, 55.2414



50.3029, 52.4974, 61.6756



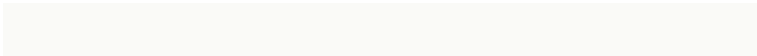
51.3483, 52.4974, 59.1240

Sweetspot

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



49.4952, 52.4997, 52.8729



90.3076, 95.1830, 101.9329



47.8958, 49.1241, 52.8849



19.3791, 20.4235, 21.8904



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



49.4952, 52.4997, 52.8729



88.0115, 93.5805, 91.9502



48.8454, 52.4907, 52.9054



10.9660, 11.6690, 11.3734



24.4290, 27.1438, 3.9517



1.0832, 1.2282, 0.1800

Inverse Universe

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



46.7418, 48.7379, 57.3966



81.6283, 84.8596, 102.4376



47.3707, 48.7537, 57.3665



10.1107, 10.5004, 12.7787



6.6151, 2.9867, 33.7845



0.3165, 0.1903, 1.4699

Previews

White Background



This preview shows how the XYZ color 49.4937, 52.4974, 52.8718 looks on a white background.

Color Contrast Check

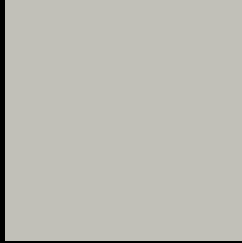
Large Text (above 18pt) WCAG AA × Fail

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 49.4937, 52.4974, 52.8718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

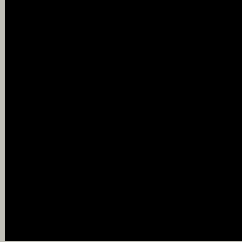
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

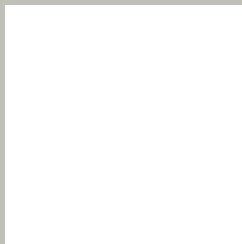
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.4937, 52.4974, 52.8718

Background



This preview shows how black text looks on a background with the XYZ color 49.4937, 52.4974, 52.8718.

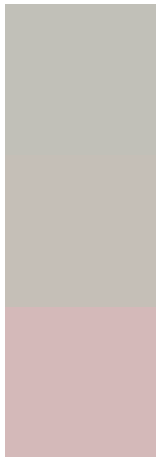


This preview shows how white text looks on a background with the XYZ color 49.4937, 52.4974,

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

49.4937, 52.4974, 52.8718

Protanopia

50.2040, 52.5508, 52.2970

Deuteranopia

53.2573, 52.1978, 53.1672



Tritanopia

51.8616, 52.4906, 64.5250

Trichromacy



Original Color

49.4937, 52.4974, 52.8718

Protanomaly

49.9430, 52.4163, 52.2848

Deuteranomaly

51.9170, 52.4484, 53.2862

Tritanomaly

50.9972, 52.4602, 60.2613

Monochromacy



Original Color

49.4937, 52.4974, 52.8718

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.4461, 52.0989, 55.0270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4937, 52.4974, 52.8718 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(193, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 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(193, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 184) }
```

Border

The CSS property to change the border of an element to XYZ 49.4937, 52.4974, 52.8718 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(193, 192, 184) }
```


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

```
.border{ border-color:rgb(193, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4937, 52.4974, 52.8718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 184) }
```

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

```
.background{ background-color: rgb(193,  
192, 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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