

Converting Colors

XYZ(49.4507, 52.9586, 52.2878)

Have a look what the booklet for
XYZ(49.4507, 52.9586, 52.2878)
contains.

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Color

**XYZ(49.3554, 52.7653,
52.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C1B7
RGB	192, 193, 183
RGB Percent	75%, 76%, 72%
CMY	0.2471, 0.2431, 0.2823
CMYK	0.01, 0.00, 0.05, 0.24
HSL	66°, 7%, 74%
HSV	66°, 5%, 76%
XYZ	49.3554, 52.7653, 52.3832
YIQ	191.5610, 2.6140, -3.3220

Conversions

Conversions Part 2

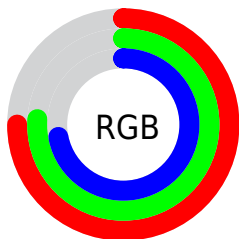
Format	Color
RYB	183, 193, 184
Decimal	12632503
CIELab	77.74, -2.15, 4.90
CIELCh	78, 5.351, 113.691
Yxy	52.7653, 0.3194, 0.3415
Android (android.graphics.Color)	4290822583 (0xFFC0C1B7)
YUV	191.5610, -4.2206, 0.3850
Hunter-Lab	72.6397, -5.8369, 8.0916

Details

The XYZ color **49.3554, 52.7653, 52.3832** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3284, 47.9091, 57.2605**, and the grayscale version is **49.8710, 52.4682, 57.1379**.

A 20% lighter version of the original color is **88.1671, 93.9398, 95.1467**, and **24.0548, 25.8568, 24.8421** is the 20% darker color. If you saturate the color by 10%, you get **46.9960, 51.7670, 42.4956**, and if you desaturate by 10%, it is **51.9997, 53.8818, 63.7243**.

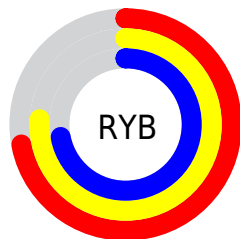
Distribution



Red (75%)

Green (76%)

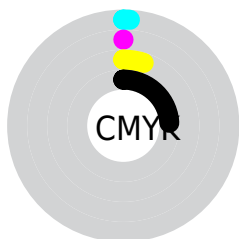
Blue (72%)



Red (72%)

Yellow (76%)

Blue (72%)

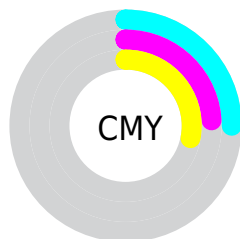


Cyan (1%)

Magenta (0%)

Yellow (5%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3554, 52.7653, 52.3832 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 49.3554, 52.7653, 52.3832 by changing the saturation by 10% instead.

■ 49.3554, 52.7653,
52.3832

■ 49.3554, 52.7653,
52.3832

374.6336,
397.3840, 412.9132

■ 35.1172, 37.6154,
36.9263

■ 88.4166, 94.2589,
95.1285

■ 23.9201, 25.6844,
24.8551

113.9703,
121.3715, 123.2539

■ 15.3988, 16.5877,
15.7511

144.0266,
153.2404, 156.4392

■ 9.1879, 9.9409,
9.1957

178.9508,
190.2500, 195.1029

■ 4.9220, 5.3598,
4.7705

219.1082,
232.7848, 239.6637

■ 2.2359, 2.4599,
2.0569

264.8642,

■ 0.7615, 0.8564,

281.2292, 290.5399

0.5899

316.5842,
335.9674, 348.1502

■ 0.0000, 0.0000,
0.0000

■ 49.3554, 52.7653,
52.3832

■ 49.3554, 52.7653,
52.3832

■ 46.9960, 51.7670,
42.4956

■ 51.9997, 53.8818,
63.7243

■ 44.9060, 50.8754,
33.9995

■ 54.9350, 55.1137,
76.5708

■ 43.0749, 50.0882,
26.8333

■ 58.1729, 56.4674,
90.9763

■ 41.4899, 49.4001,
20.9295

■ 60.8735, 57.6069,
102.5186

■ 40.1369, 48.8056,
16.2149

■ 61.3933, 57.8749,
102.5429

■ 39.0008, 48.2985,
12.6085

■ 61.9197, 58.1462,
102.5676

■ 38.0640, 47.8719,
10.0193

■ 62.4527, 58.4210,
102.5925

■ 37.3066, 47.5178,
8.3421

■ 62.9923, 58.6992,
102.6178

■ 36.7042, 47.2264,
7.4481

■ 63.5386, 58.9808,
102.6433

Harmonies

Analogous

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



50.3711, 52.7653, 51.9646



49.3554, 52.7653, 52.3832



48.5631, 52.7653, 54.1389

Triad

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



49.3554, 52.7653, 52.3832



48.9811, 52.7653, 62.1752



52.1587, 52.7653, 58.0819

Complementary

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



49.3554, 52.7653, 52.3832



46.3284, 47.9091, 57.2605

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.



51.7749, 52.7653, 60.8985



49.3554, 52.7653, 52.3832



49.9332, 52.7653, 63.3137

Square

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



49.3554, 52.7653, 52.3832



48.3491, 52.7653, 59.7762



50.9568, 52.7653, 62.8386



51.9989, 52.7653, 55.1897

Rectangle

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



49.3554, 52.7653, 52.3832



48.2635, 52.7653, 55.8646



50.9568, 52.7653, 62.8386



52.0888, 52.7653, 59.0700

Sweetspot

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



49.3569, 52.7676, 52.3843



89.8301, 95.1087, 99.9310



47.6818, 49.0388, 51.7529



19.2818, 20.4083, 21.4821



92.9021, 97.7402, 106.4391



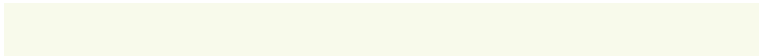
19.4759, 20.4902, 22.3138

Same Dimension

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



49.3569, 52.7676, 52.3843



87.9880, 94.3306, 92.0962



48.1126, 52.1262, 52.3261



10.9629, 11.7698, 11.3930



24.2776, 31.3444, 4.7705



1.0783, 1.3694, 0.2075

Inverse Universe

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



46.3284, 47.9091, 57.2605



81.6497, 84.1620, 102.3018



47.5471, 48.5373, 57.3175



10.1135, 10.4072, 12.7606



6.6180, 2.6721, 33.7236



0.3183, 0.1321, 1.4586

Previews

White Background



This preview shows how the XYZ color 49.3554, 52.7653, 52.3832 looks on a white background.

Color Contrast Check

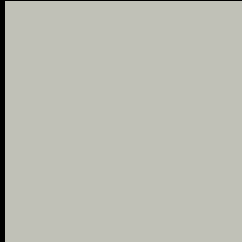
Large Text (above 18pt) WCAG AA × Fail

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 49.3554, 52.7653, 52.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

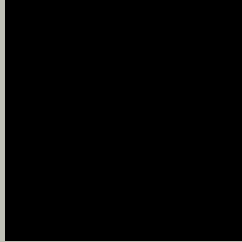
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3554, 52.7653, 52.3832

Background



This preview shows how black text looks on a background with the XYZ color 49.3554, 52.7653, 52.3832.



This preview shows how white text looks on a background with the XYZ color 49.3554, 52.7653,

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

49.3554, 52.7653, 52.3832

Protanopia

50.3630, 52.6448, 51.7630

Deuteranopia

53.6512, 52.7246, 52.6965



Tritanopia

51.9386, 52.8368, 65.2187

Trichromacy



Original Color

49.3554, 52.7653, 52.3832

Protanomaly

50.0581, 52.8124, 51.8114

Deuteranomaly

52.0262, 52.8350, 52.8035

Tritanomaly

50.9570, 52.7622, 60.3217

Monochromacy



Original Color

49.3554, 52.7653, 52.3832

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7732, 52.5799, 55.6697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3554, 52.7653, 52.3832 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(192, 193, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 193, 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(192, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 193, 183) }
```

Border

The CSS property to change the border of an element to XYZ 49.3554, 52.7653, 52.3832 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(192, 193, 183) }
```


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

```
.border{ border-color:rgb(192, 193, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 193, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 193, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 193, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 193,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3554, 52.7653, 52.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 193, 183) }
```

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

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