

Converting Colors

XYZ(55.9000, 49.7242, 48.0920)

Have a look what the booklet for
XYZ(55.9000, 49.7242, 48.0920)
contains.

XYZ(55.9670, 49.8352, 48.2643)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.9670, 49.8352,
48.2643)**

Conversions

Conversions Part 1

Format	Color
Hex	E8ACB1
RGB	232, 172, 177
RGB Percent	91%, 67%, 69%
CMY	0.0902, 0.3255, 0.3059
CMYK	0.00, 0.26, 0.24, 0.09
HSL	355°, 57%, 79%
HSV	355°, 26%, 91%
XYZ	55.9670, 49.8352, 48.2643
YIQ	190.5100, 34.1550, 14.2750

Conversions

Conversions Part 2

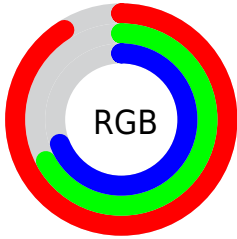
Format	Color
RYB	232, 172, 177
Decimal	15248561
CIELab	75.97, 22.67, 6.07
CIELCh	76, 23.469, 14.994
Yxy	49.8352, 0.3633, 0.3235
Android (android.graphics.Color)	4293438641 (0xFFE8ACB1)
YUV	190.5100, -6.6604, 36.3867
Hunter-Lab	70.5941, 17.9753, 8.8800

Details

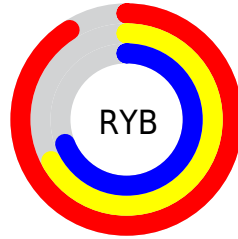
The XYZ color **55.9670, 49.8352, 48.2643** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **59.7371, 72.0310, 83.4316**, and the grayscale version is **49.2623, 51.8278, 56.4405**.

A 20% lighter version of the original color is **83.6914, 82.6300, 88.6290**, and **27.9777, 23.7883, 22.5190** is the 20% darker color. If you saturate the color by 10%, you get **49.9737, 40.9806, 36.6101**, and if you desaturate by 10%, it is **63.0642, 60.3681, 61.9176**.

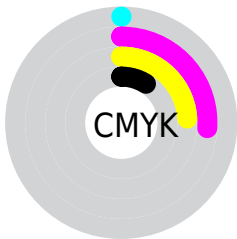
Distribution



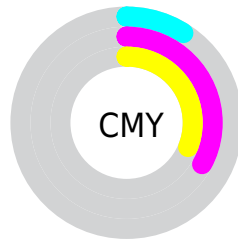
- Red (91%)
- Green (67%)
- Blue (69%)



- Red (91%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (26%)
- Yellow (24%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9670, 49.8352, 48.2643 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 55.9670, 49.8352, 48.2643 by changing the saturation by 10% instead.

■ 55.9670, 49.8352,
48.2643

■ 55.9670, 49.8352,
48.2643

399.6442,
386.0211, 396.3777

■ 40.4134, 35.2825,
33.6748

■ 98.0964, 89.9307,
88.9674

■ 28.0466, 23.8805,
22.3685

125.4029,
116.2422, 115.9181

■ 18.5014, 15.2450,
13.9270

157.3577,
147.2421, 147.8262

■ 11.4125, 8.9915,
7.9318

194.3262,
183.3147, 185.1104

■ 6.4143, 4.7357,
3.9642

236.6738,
224.8446, 228.1890

■ 3.1416, 2.0930,
1.6057

284.7657,

■ 1.2291, 0.6607,

272.2160, 277.4808

0.2949

338.9674,
325.8134, 333.4042

■ 0.1292, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9670, 49.8352,
48.2643

■ 55.9670, 49.8352,
48.2643

■ 49.9737, 40.9806,
36.6101

■ 63.0642, 60.3681,
61.9176

■ 45.0249, 33.7112,
26.8583

■ 71.3127, 72.6523,
77.6544

■ 41.0618, 27.9352,
18.9086

■ 80.7620, 86.7651,
95.5581

■ 38.0182, 23.5490,
12.6503

■ 87.0888, 95.8958,
108.5274

■ 35.8197, 20.4353,
7.9606

■ 34.3799, 18.4579,
4.6999

■ 33.5941, 17.4488,
2.7037

■ 33.3991, 17.2040,
2.1907

Harmonies

Analogous

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



55.9665, 49.8352, 60.7428



55.9670, 49.8352, 48.2643



53.5690, 49.8352, 38.9474

Triad

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



55.9670, 49.8352, 48.2643



41.6642, 49.8352, 38.9443



45.2217, 49.8352, 81.0201

Complementary

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



55.9670, 49.8352, 48.2643



59.7371, 72.0310, 83.4316

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.



41.6630, 49.8352, 73.1421



55.9670, 49.8352, 48.2643



39.6966, 49.8352, 48.2595

Square

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



55.9670, 49.8352, 48.2643



45.2235, 49.8352, 34.1572



39.6962, 49.8352, 60.7372



49.5769, 49.8352, 81.0219

Rectangle

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



55.9670, 49.8352, 48.2643



51.0129, 49.8352, 35.2245



39.6962, 49.8352, 60.7372



43.8988, 49.8352, 79.1575

Sweetspot

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



55.9684, 49.8375, 48.2653



86.0177, 86.5214, 91.7512



60.9979, 51.6645, 83.1014



18.0708, 18.0116, 18.9897



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.



55.9684, 49.8375, 48.2653



65.2541, 55.6905, 51.8548



60.6928, 60.0687, 47.4283



14.4255, 14.3874, 15.1749



18.5603, 9.5583, 1.3135



1.3885, 0.7131, 0.1864

Inverse Universe

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



55.9684, 49.8375, 48.2653



65.2541, 55.6905, 51.8548



53.8935, 59.2244, 84.9351



14.4255, 14.3874, 15.1749



18.5603, 9.5583, 1.3135



1.3885, 0.7131, 0.1864

Previews

White Background



This preview shows how the XYZ color 55.9670, 49.8352, 48.2643 looks on a white background.

Color Contrast Check

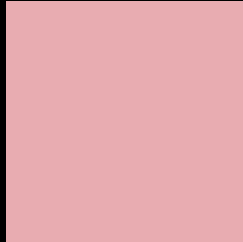
Large Text (above 18pt) WCAG AA × Fail

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 55.9670, 49.8352, 48.2643 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 55.9670, 49.8352, 48.2643

Background



This preview shows how black text looks on a background with the XYZ color 55.9670, 49.8352, 48.2643.



This preview shows how white text looks on a background with the XYZ color 55.9670, 49.8352,

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

55.9670, 49.8352, 48.2643

Protanopia

48.0131, 50.1198, 53.0425

Deuteranopia

50.8401, 49.8445, 47.4988



Tritanopia

56.8189, 49.9101, 51.9863

Trichromacy



Original Color

55.9670, 49.8352, 48.2643

Protanomaly

50.6250, 49.9551, 51.2300

Deuteranomaly

52.6703, 49.8808, 47.9262

Tritanomaly

56.5077, 49.7857, 50.3474

Monochromacy



Original Color

55.9670, 49.8352, 48.2643

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.4570, 50.9480, 53.5762

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9670, 49.8352, 48.2643 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(232, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(232, 172, 177)  
}
```

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(232, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 172, 177) }
```

Border

The CSS property to change the border of an element to XYZ 55.9670, 49.8352, 48.2643 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(232, 172, 177) }
```


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

```
.border{ border-color:rgb(232, 172, 177) }
```

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

Here you see how a box with a 4 pixel rgb(232, 172, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(232, 172,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9670, 49.8352, 48.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 172, 177) }
```

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

```
.background{ background-color: rgb(232,  
172, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor