

Converting Colors

XYZ(64.7352, 56.0050, 52.8383)

Have a look what the booklet for
XYZ(64.7352, 56.0050, 52.8383)
contains.

XYZ(64.7170, 55.9969, 52.7449)	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(64.7170, 55.9969,
52.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	FCB2B8
RGB	252, 178, 184
RGB Percent	99%, 70%, 72%
CMY	0.0118, 0.3019, 0.2784
CMYK	0.00, 0.29, 0.27, 0.01
HSL	355°, 93%, 84%
HSV	355°, 29%, 99%
XYZ	64.7170, 55.9969, 52.7449
YIQ	200.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

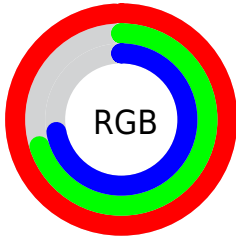
Format	Color
R _Y B	252, 178, 184
Decimal	16560824
CIE Lab	79.61, 27.75, 7.77
CIE LCh	80, 28.823, 15.649
Yxy	55.9969, 0.3731, 0.3228
Android (android.graphics.Color)	4294750904 (0xFFFCB2B8)
YUV	200.8100, -8.2873, 44.8936
Hunter-Lab	74.8311, 23.4198, 10.5910

Details

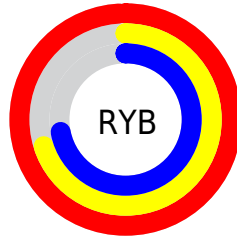
The XYZ color **64.7170, 55.9969, 52.7449** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.8074, 85.7409, 100.0635**, and the grayscale version is **55.4324, 58.3192, 63.5096**.

A 20% lighter version of the original color is **86.3910, 86.3969, 94.5611**, and **33.6785, 27.7753, 25.0588** is the 20% darker color. If you saturate the color by 10%, you get **57.9237, 45.9823, 39.4682**, and if you desaturate by 10%, it is **72.8317, 68.0177, 68.4239**.

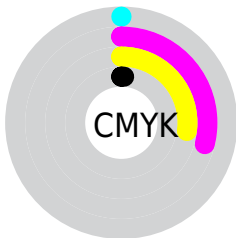
Distribution



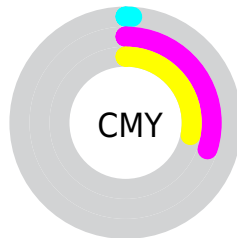
- Red (99%)
- Green (70%)
- Blue (72%)



- Red (99%)
- Yellow (70%)
- Blue (72%)



- Cyan (0%)
- Magenta (29%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (30%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.7170, 55.9969, 52.7449 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 64.7170, 55.9969, 52.7449 by changing the saturation by 10% instead.


 64.7170, 55.9969,
52.7449

 64.7170, 55.9969,
52.7449


431.3356,
409.6798, 414.3441

 47.4955, 40.2004,
37.2128


 110.7109, 99.0000,
95.6666

 33.6371, 27.6949,
25.0752

140.2139,
126.9755, 123.8934

 22.7765, 18.0958,
15.9136


174.5416,
159.7794, 157.1887

 14.5484, 11.0188,
9.3093

214.0591,
197.7962, 195.9713

 8.5873, 6.0795,
4.8439

259.1319,
241.4103, 240.6596

 4.5279, 2.8935,
2.0989

310.1254,

 2.0049, 1.0764,

291.0059, 291.6721

0.6151

367.4048,
346.9677, 349.4275

■ 0.6367, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.7170, 55.9969,
52.7449

■ 64.7170, 55.9969,
52.7449

■ 57.9237, 45.9823,
39.4682

■ 72.8317, 68.0177,
68.4239

■ 52.3776, 37.8572,
28.4717

■ 82.3280, 82.1372,
86.6121

■ 48.0037, 31.5052,
19.6281

■ 93.2676, 98.4518,
107.4141

■ 44.7176, 26.7939,
12.7958

■ 93.9550, 99.4355,
108.8488

■ 42.4231, 23.5720,
7.8163

■ 41.0072, 21.6604,
4.5073

■ 40.3062, 20.7879,
2.6417

■ 40.2750, 20.7475,
2.5634

Harmonies

Analogous

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



64.7916, 55.9969, 69.2469



64.7170, 55.9969, 52.7449



61.4177, 55.9969, 40.8421

Triad

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



64.7170, 55.9969, 52.7449



45.6308, 55.9969, 41.2354



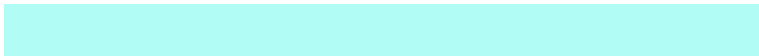
50.5031, 55.9969, 97.4995

Complementary

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



64.7170, 55.9969, 52.7449



69.8074, 85.7409, 100.0635

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.



45.7924, 55.9969, 86.8186



64.7170, 55.9969, 52.7449



43.1212, 55.9969, 53.3825

Square

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



64.7170, 55.9969, 52.7449



50.2677, 55.9969, 35.0688



43.1781, 55.9969, 70.0110



56.2927, 55.9969, 97.2435

Rectangle

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



64.7170, 55.9969, 52.7449



57.9620, 55.9969, 36.2294



43.1781, 55.9969, 70.0110



48.7503, 55.9969, 94.9952

Sweetspot

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



64.7185, 55.9995, 52.7460



84.9490, 84.9367, 89.6908



71.4403, 58.4344, 99.6094



17.8575, 17.6959, 18.5771



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.



64.7185, 55.9995, 52.7460



62.3718, 51.4580, 46.1706



70.9421, 69.4312, 51.7853



17.3017, 17.2480, 18.1784



21.0002, 10.8158, 1.4436



1.9640, 1.0093, 0.2337

Inverse Universe

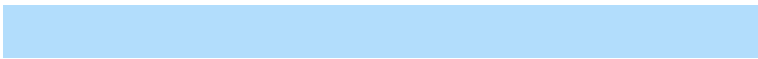
The Inverse Universe completely reimagines the original color for something new.



64.7185, 55.9995, 52.7460



62.3718, 51.4580, 46.1706



61.8335, 68.2965, 102.0193



17.3017, 17.2480, 18.1784



21.0002, 10.8158, 1.4436



1.9640, 1.0093, 0.2337

Previews

White Background



This preview shows how the XYZ color 64.7170, 55.9969, 52.7449 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 64.7170, 55.9969, 52.7449 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 64.7170, 55.9969, 52.7449

Background



This preview shows how black text looks on a background with the XYZ color 64.7170, 55.9969, 52.7449.



This preview shows how white text looks on a background with the XYZ color 64.7170, 55.9969,

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

64.7170, 55.9969, 52.7449

Protanopia

54.0610, 56.3841, 59.0728

Deuteranopia

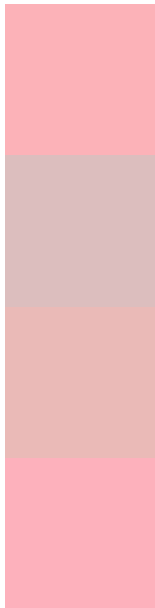
57.5057, 56.3270, 52.0973



Tritanopia

65.5244, 56.0446, 56.0794

Trichromacy



Original Color

64.7170, 55.9969, 52.7449

Protanomaly

57.2229, 55.7603, 56.4620

Deuteranomaly

60.0378, 56.0291, 52.4501

Tritanomaly

65.3073, 55.9578, 54.9358

Monochromacy



Original Color

64.7170, 55.9969, 52.7449

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

58.4355, 57.2957, 59.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7170, 55.9969, 52.7449 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(252, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(252, 178, 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(252, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 178, 184) }
```

Border

The CSS property to change the border of an element to XYZ 64.7170, 55.9969, 52.7449 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(252, 178, 184) }
```


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

```
.border{ border-color:rgb(252, 178, 184) }
```

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

Here you see how a box with a 4 pixel rgb(252, 178, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 178, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 178, 184);  
box-shadow:4px 4px 4px 4px rgb(252, 178,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7170, 55.9969, 52.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 178, 184) }
```

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

```
.background{ background-color: rgb(252,  
178, 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](#).

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