

Converting Colors

XYZ(87.7533, 64.9930, 53.0670)

Have a look what the booklet for
XYZ(87.7533, 64.9930, 53.0670)
contains.

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Color

**XYZ(63.8944, 52.7260,
52.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8B8
RGB	255, 168, 184
RGB Percent	100%, 66%, 72%
CMY	0.0000, 0.3412, 0.2784
CMYK	0.00, 0.34, 0.28, 0.00
HSL	349°, 100%, 83%
HSV	349°, 34%, 100%
XYZ	63.8944, 52.7260, 52.1569
YIQ	195.8370, 46.7160, 23.4200

Conversions

Conversions Part 2

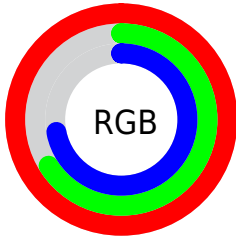
Format	Color
R _Y B	255, 168, 184
Decimal	16754872
CIE Lab	77.71, 34.07, 5.09
CIE LCh	78, 34.447, 8.491
Yxy	52.7260, 0.3786, 0.3124
Android (android.graphics.Color)	4294944952 (0xFFFFA8B8)
YUV	195.8370, -5.8356, 51.8860
Hunter-Lab	72.6127, 29.9961, 8.2415

Details

The XYZ color **63.8944, 52.7260, 52.1569** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.4907, 86.0779, 94.7232**, and the grayscale version is **52.3872, 55.1154, 60.0207**.

A 20% lighter version of the original color is **83.6238, 80.8626, 93.6387**, and **32.9924, 25.6359, 24.6821** is the 20% darker color. If you saturate the color by 10%, you get **57.6164, 43.4082, 40.0813**, and if you desaturate by 10%, it is **71.4190, 64.0230, 66.2326**.

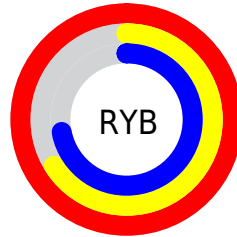
Distribution



Red (100%)

Green (66%)

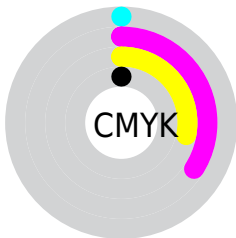
Blue (72%)



Red (100%)

Yellow (66%)

Blue (72%)

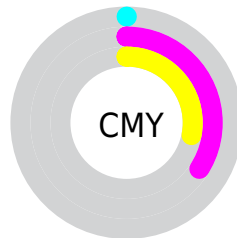


Cyan (0%)

Magenta (34%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8944, 52.7260, 52.1569 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 63.8944, 52.7260, 52.1569 by changing the saturation by 10% instead.


 63.8944, 52.7260,
52.1569


 63.8944, 52.7260,
52.1569


428.4165,
397.2330, 412.0162

 46.8265, 37.5841,
36.7470


 109.5334, 94.2011,
94.7915

 33.1059, 25.6600,
24.7175


 138.8353,
121.3030, 122.8534

 22.3672, 16.5695,
15.6496

172.9458,
153.1604, 155.9697

 14.2451, 9.9280,
9.1249

212.2304,
190.1576, 194.5589

 8.3742, 5.3513,
4.7248

257.0544,
232.6791, 239.0396

 4.3891, 2.4548,
2.0308

307.7832,

 1.9245, 0.8539,

281.1092, 289.8304

0.5741

364.7821,
335.8324, 347.3497

■ 0.5910, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8944, 52.7260,
52.1569

■ 63.8944, 52.7260,
52.1569

■ 57.6164, 43.4082,
40.0813

■ 71.4190, 64.0230,
66.2326

■ 52.5130, 35.9485,
29.9112

■ 80.2492, 77.3969,
82.3910

■ 48.5106, 30.2235,
21.5487

■ 90.4449, 92.9473,
100.7136

■ 45.5256, 26.0920,
14.8858

■ 95.0500, 100.0000,
108.9000

■ 43.4618, 23.3903,
9.8025

■ 42.2038, 21.9190,
6.1620

■ 41.7508, 21.4643,
4.6196

Harmonies

Analogous

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



63.0139, 52.7260, 71.9519



63.8944, 52.7260, 52.1569



60.8342, 52.7260, 37.4548

Triad

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



63.8944, 52.7260, 52.1569



42.5509, 52.7260, 33.1992



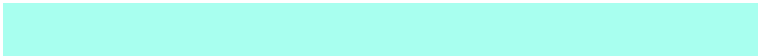
45.5592, 52.7260, 98.7944

Complementary

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



63.8944, 52.7260, 52.1569



67.4907, 86.0779, 94.7232

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.



40.7344, 52.7260, 83.4292



63.8944, 52.7260, 52.1569



39.1078, 52.7260, 44.9720

Square

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



63.8944, 52.7260, 52.1569



48.2451, 52.7260, 28.2132



38.4736, 52.7260, 63.0037



52.0315, 52.7260, 101.9208

Rectangle

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



63.8944, 52.7260, 52.1569



57.1181, 52.7260, 31.4505



38.4736, 52.7260, 63.0037



43.7081, 52.7260, 94.7486

Sweetspot

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



63.8957, 52.7284, 52.1579



84.2762, 83.5271, 89.6644



67.1800, 53.3359, 101.3618



17.7386, 17.4211, 18.6513



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.



63.8957, 52.7284, 52.1579



59.4430, 46.1065, 43.6344



67.6236, 62.7176, 45.5906



18.1457, 18.0416, 19.3847



21.8546, 11.2311, 2.6188



2.1628, 1.1075, 0.4387

Inverse Universe

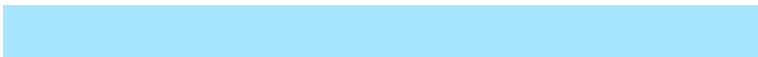
The Inverse Universe completely reimagines the original color for something new.



63.8957, 52.7284, 52.1579



59.4430, 46.1065, 43.6344



62.1921, 71.5299, 105.1365



18.1457, 18.0416, 19.3847



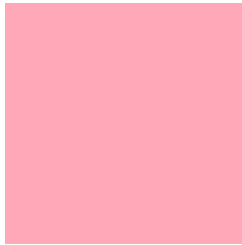
21.8546, 11.2311, 2.6188



2.1628, 1.1075, 0.4387

Previews

White Background



This preview shows how the XYZ color 63.8944, 52.7260, 52.1569 looks on a white background.

Color Contrast Check

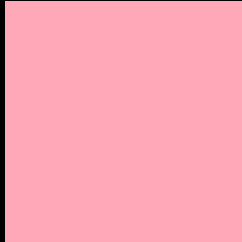
Large Text (above 18pt) WCAG AA × Fail

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 63.8944, 52.7260, 52.1569 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 63.8944, 52.7260, 52.1569

Background



This preview shows how black text looks on a background with the XYZ color 63.8944, 52.7260, 52.1569.



This preview shows how white text looks on a background with the XYZ color 63.8944, 52.7260,

52.1569.

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

63.8944, 52.7260, 52.1569

Protanopia

50.9570, 52.7622, 60.3217

Deuteranopia

53.9237, 52.9011, 51.0849



Tritanopia

63.5831, 52.6015, 50.5180

Trichromacy



Original Color

63.8944, 52.7260, 52.1569



Protanomaly

54.7668, 52.2717, 57.0721



Deuteranomaly

57.1967, 52.4406, 51.3634



Tritanomaly

63.6861, 52.6427, 51.0604

Monochromacy



Original Color

63.8944, 52.7260, 52.1569



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.6886, 53.6753, 57.2944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8944, 52.7260, 52.1569 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(255, 168, 184)` looks like.

```
.text, #text, p{  
  color:rgb(255, 168, 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(255, 168, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 184) }
```

Border

The CSS property to change the border of an element to XYZ 63.8944, 52.7260, 52.1569 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(255, 168, 184) }
```


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

```
.border{ border-color:rgb(255, 168, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8944, 52.7260, 52.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 184) }
```

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

```
.background{ background-color: rgb(255,  
168, 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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