

Converting Colors

XYZ(75.7434, 58.3234, 54.3655)

Have a look what the booklet for
XYZ(75.7434, 58.3234, 54.3655)
contains.

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Color

**XYZ(63.8459, 52.1203,
53.7089)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6BB
RGB	255, 166, 187
RGB Percent	100%, 65%, 73%
CMY	0.0000, 0.3490, 0.2667
CMYK	0.00, 0.35, 0.27, 0.00
HSL	346°, 100%, 83%
HSV	346°, 35%, 100%
XYZ	63.8459, 52.1203, 53.7089
YIQ	195.0050, 46.3030, 25.3990

Conversions

Conversions Part 2

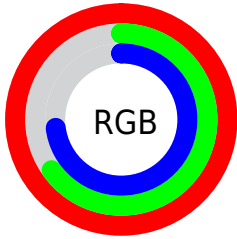
Format	Color
R_{YB}	255, 166, 187
Decimal	16754363
CIE _{Lab}	77.35, 35.51, 2.93
CIE _{LCh}	77, 35.631, 4.714
Yxy	52.1203, 0.3763, 0.3072
Android (android.graphics.Color)	4294944443 (0xFFFFA6BB)
YUV	195.0050, -3.9465, 52.6156
Hunter-Lab	72.1944, 31.5182, 6.4274

Details

The XYZ color **63.8459, 52.1203, 53.7089** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.3393, 85.5685, 90.8658**, and the grayscale version is **51.8794, 54.5812, 59.4389**.

A 20% lighter version of the original color is **83.5389, 79.9736, 95.8275**, and **32.9732, 25.2672, 25.6934** is the 20% darker color. If you saturate the color by 10%, you get **57.7152, 42.9737, 42.0631**, and if you desaturate by 10%, it is **71.1811, 63.2228, 67.1537**.

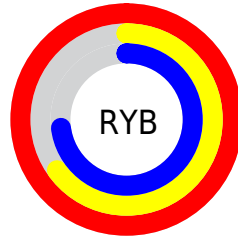
Distribution



Red (100%)

Green (65%)

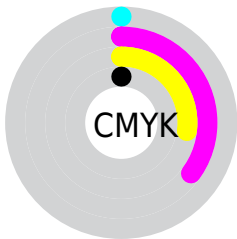
Blue (73%)



Red (100%)

Yellow (65%)

Blue (73%)

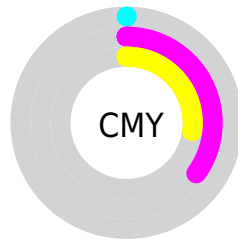


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8459, 52.1203, 53.7089 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 63.8459, 52.1203, 53.7089 by changing the saturation by 10% instead.


 63.8459, 52.1203,
53.7089


 63.8459, 52.1203,
53.7089

428.2440,
394.9009, 418.1422

 46.7871, 37.1010,
37.9774

 109.4640, 93.3086,
97.0988

 33.0746, 25.2857,
25.6634


 138.7539,
120.2464, 125.5942

 22.3431, 16.2900,
16.3485


172.8516,
151.9258, 159.1814

 14.2272, 9.7296,
9.6141

212.1224,
188.7312, 198.2789

 8.3616, 5.2201,
5.0416

256.9317,
231.0471, 243.3051

 4.3810, 2.3769,
2.2125

307.6449,

 1.9198, 0.8140,

279.2577, 294.6787

0.6816

364.6272,
333.7475, 352.8182

■ 0.5883, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8459, 52.1203,
53.7089

■ 63.8459, 52.1203,
53.7089

■ 57.7152, 42.9737,
42.0631

■ 71.1811, 63.2228,
67.1537

■ 52.7194, 35.6621,
32.1354

■ 79.7778, 76.3784,
82.4674

■ 48.7872, 30.0623,
23.8431

■ 89.6939, 91.6865,
99.7198

■ 45.8375, 26.0330,
17.0951

95.0500, 100.0000,
108.9000

■ 43.7770, 23.4099,
11.7906

■ 42.4925, 21.9914,
7.8154

■ 42.0598, 21.5879,
6.2469

Harmonies

Analogous

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



62.4161, 52.1203, 74.4192



63.8459, 52.1203, 53.7089



61.1630, 52.1203, 37.8790

Triad

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



63.8459, 52.1203, 53.7089



42.4160, 52.1203, 31.0648



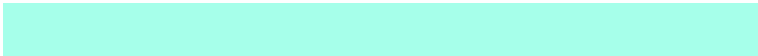
44.1275, 52.1203, 98.1050

Complementary

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



63.8459, 52.1203, 53.7089



66.3393, 85.5685, 90.8658

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.



39.4894, 52.1203, 81.0331



63.8459, 52.1203, 53.7089



38.5669, 52.1203, 42.1257

Square

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



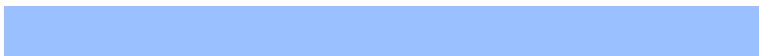
63.8459, 52.1203, 53.7089



48.4652, 52.1203, 26.8658



37.5466, 52.1203, 59.9041



50.6281, 52.1203, 103.2090

Rectangle

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



63.8459, 52.1203, 53.7089



57.5364, 52.1203, 31.2096



37.5466, 52.1203, 59.9041



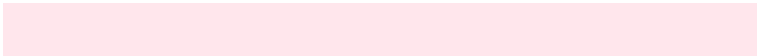
42.3189, 52.1203, 93.4095

Sweetspot

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



63.8472, 52.1227, 53.7099



84.4679, 83.6037, 90.6737



65.2106, 51.7766, 101.1647



17.7846, 17.4396, 18.8938



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.



63.8472, 52.1227, 53.7099



59.3732, 45.4320, 45.2595



66.1612, 60.0888, 44.1907



18.1850, 18.0573, 19.5912



22.0247, 11.2992, 3.5147



2.1846, 1.1162, 0.5537

Inverse Universe

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



63.8472, 52.1227, 53.7099



59.3732, 45.4320, 45.2595



62.8459, 73.4650, 105.4756



18.1850, 18.0573, 19.5912



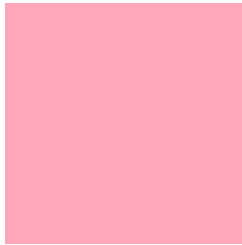
22.0247, 11.2992, 3.5147



2.1846, 1.1162, 0.5537

Previews

White Background



This preview shows how the XYZ color 63.8459, 52.1203, 53.7089 looks on a white background.

Color Contrast Check

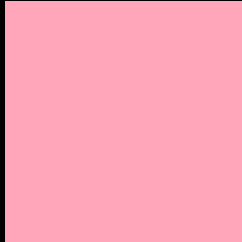
Large Text (above 18pt) WCAG AA × Fail

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 63.8459, 52.1203, 53.7089 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 63.8459, 52.1203, 53.7089

Background



This preview shows how black text looks on a background with the XYZ color 63.8459, 52.1203, 53.7089.

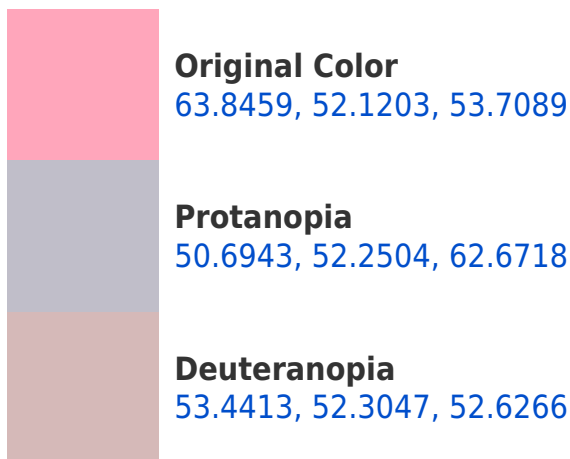


This preview shows how white text looks on a background with the XYZ color 63.8459, 52.1203,

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

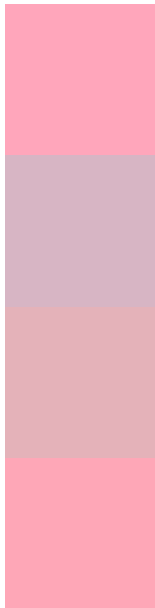




Tritanopia

62.9300, 52.0036, 49.9009

Trichromacy



Original Color

63.8459, 52.1203, 53.7089

Protanomaly

54.5120, 51.4803, 59.2882

Deuteranomaly

56.6723, 51.8376, 52.9176

Tritanomaly

63.2390, 52.1272, 51.5282

Monochromacy



Original Color

63.8459, 52.1203, 53.7089

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

55.2702, 52.8385, 57.1550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8459, 52.1203, 53.7089 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, 166, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 187)  
}
```

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, 166, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 187) }
```

Border

The CSS property to change the border of an element to XYZ 63.8459, 52.1203, 53.7089 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, 166, 187) }
```


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

```
.border{ border-color:rgb(255, 166, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8459, 52.1203, 53.7089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 187) }
```

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

```
.background{ background-color: rgb(255,  
166, 187) }
```

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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