

Converting Colors

XYZ(99.9258, 71.1753, 56.2183)

Have a look what the booklet for
XYZ(99.9258, 71.1753, 56.2183)
contains.

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Color

**XYZ(64.3197, 52.8961,
54.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8BC
RGB	255, 168, 188
RGB Percent	100%, 66%, 74%
CMY	0.0000, 0.3412, 0.2627
CMYK	0.00, 0.34, 0.26, 0.00
HSL	346°, 100%, 83%
HSV	346°, 34%, 100%
XYZ	64.3197, 52.8961, 54.3969
YIQ	196.2930, 45.4320, 24.6640

Conversions

Conversions Part 2

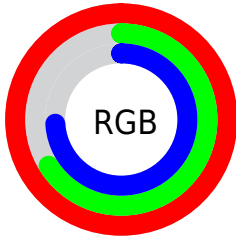
Format	Color
R_{YB}	255, 168, 188
Decimal	16754876
CIE _{Lab}	77.81, 34.60, 3.05
CIE _{LCh}	78, 34.739, 5.038
Yxy	52.8961, 0.3748, 0.3082
Android (android.graphics.Color)	4294944956 (0xFFFFA8BC)
YUV	196.2930, -4.0884, 51.4860
Hunter-Lab	72.7297, 30.5824, 6.5659

Details

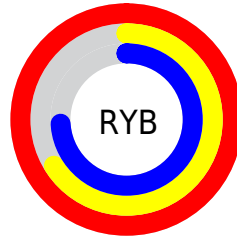
The XYZ color **64.3197, 52.8961, 54.3969** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.9060, 85.8440, 91.6446**, and the grayscale version is **52.6511, 55.3931, 60.3231**.

A 20% lighter version of the original color is **84.2248, 81.1030, 96.8033**, and **33.5299, 25.8811, 26.1500** is the 20% darker color. If you saturate the color by 10%, you get **58.0902, 43.5977, 42.5764**, and if you desaturate by 10%, it is **71.7631, 64.1606, 68.0446**.

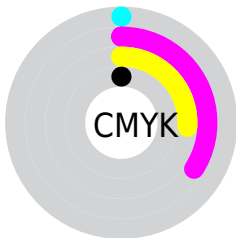
Distribution



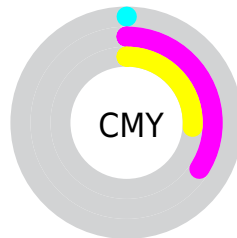
- Red (100%)
- Green (66%)
- Blue (74%)



- Red (100%)
- Yellow (66%)
- Blue (74%)



- Cyan (0%)
- Magenta (34%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3197, 52.8961, 54.3969 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 64.3197, 52.8961, 54.3969 by changing the saturation by 10% instead.


 64.3197, 52.8961,
54.3969


 64.3197, 52.8961,
54.3969

429.9272,
397.8864, 420.8390

 47.1723, 37.7198,
38.5237


 110.1424, 94.4515,
98.1190

 33.3804, 25.7653,
26.0844


 139.5484,
121.5993, 126.8051

 22.5787, 16.6482,
16.6605


173.7713,
153.5066, 160.5991

 14.4017, 9.9840,
9.8333

213.1765,
190.5575, 199.9198

 8.4841, 5.3883,
5.1844

258.1294,
233.1366, 245.1856

 4.4607, 2.4769,
2.2953

308.9952,

 1.9659, 0.8650,

281.6281, 296.8150

0.7286

366.1393,
336.4166, 355.2267

■ 0.6147, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.3197, 52.8961,
54.3969

■ 64.3197, 52.8961,
54.3969

■ 58.0902, 43.5977,
42.5764

■ 71.7631, 64.1606,
68.0446

■ 53.0048, 36.1452,
32.5010

■ 80.4769, 77.4879,
83.5904

■ 48.9926, 30.4163,
24.0869

■ 90.5192, 92.9770,
101.1051

■ 45.9729, 26.2709,
17.2416

95.0500, 100.0000,
108.9000

■ 43.8532, 23.5468,
11.8632

■ 42.5217, 22.0461,
7.8362

■ 42.0193, 21.5717,
6.0338

Harmonies

Analogous

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



62.9620, 52.8961, 74.7177



64.3197, 52.8961, 54.3969



61.6491, 52.8961, 38.8086

Triad

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



64.3197, 52.8961, 54.3969



43.1978, 52.8961, 32.2407



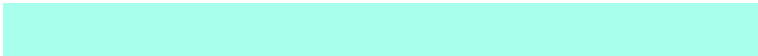
45.0038, 52.8961, 98.2137

Complementary

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



64.3197, 52.8961, 54.3969



66.9060, 85.8440, 91.6446

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.



40.3957, 52.8961, 81.6353



64.3197, 52.8961, 54.3969



39.4202, 52.8961, 43.3108

Square

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



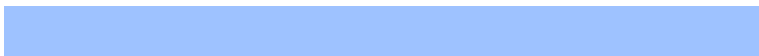
64.3197, 52.8961, 54.3969



49.1468, 52.8961, 27.9735



38.4418, 52.8961, 60.9158



51.4227, 52.8961, 103.0334

Rectangle

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



64.3197, 52.8961, 54.3969



58.0727, 52.8961, 32.2213



38.4418, 52.8961, 60.9158



43.2107, 52.8961, 93.6744

Sweetspot

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



64.3211, 52.8986, 54.3980



84.4455, 83.5948, 90.5556



66.2163, 52.8391, 101.3167



17.7792, 17.4374, 18.8654



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.



64.3211, 52.8986, 54.3980



59.9052, 46.2913, 46.0679



66.9840, 61.4384, 45.3773



18.1804, 18.0555, 19.5670



22.0026, 11.2903, 3.3982



2.1819, 1.1151, 0.5393

Inverse Universe

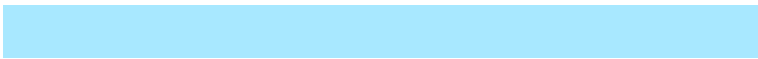
The Inverse Universe completely reimagines the original color for something new.



64.3211, 52.8986, 54.3980



59.9052, 46.2913, 46.0679



63.0007, 73.1472, 105.4061



18.1804, 18.0555, 19.5670



22.0026, 11.2903, 3.3982



2.1819, 1.1151, 0.5393

Previews

White Background



This preview shows how the XYZ color 64.3197, 52.8961, 54.3969 looks on a white background.

Color Contrast Check

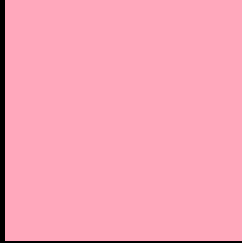
Large Text (above 18pt) WCAG AA × Fail

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 64.3197, 52.8961, 54.3969 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 64.3197, 52.8961, 54.3969

Background



This preview shows how black text looks on a background with the XYZ color 64.3197, 52.8961, 54.3969.



This preview shows how white text looks on a background with the XYZ color 64.3197, 52.8961,

54.3969.

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

64.3197, 52.8961, 54.3969

Protanopia

51.7584, 53.4329, 63.4627

Deuteranopia

54.0474, 52.9167, 53.2643



Tritanopia

63.5045, 52.8242, 51.1050

Trichromacy



Original Color

64.3197, 52.8961, 54.3969



Protanomaly

55.3304, 52.4971, 60.0401



Deuteranomaly

57.2961, 52.4434, 53.5571



Tritanomaly

63.7127, 52.9075, 52.2015

Monochromacy



Original Color

64.3197, 52.8961, 54.3969



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.7998, 53.7198, 57.8801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3197, 52.8961, 54.3969 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 188) }
```

Border

The CSS property to change the border of an element to XYZ 64.3197, 52.8961, 54.3969 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, 188) }
```


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

```
.border{ border-color:rgb(255, 168, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3197, 52.8961, 54.3969 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
168, 188) }
```

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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