

Converting Colors

XYZ(64.5120, 53.0617, 55.1356)

Have a look what the booklet for
XYZ(64.5120, 53.0617, 55.1356)
contains.

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Color

**XYZ(64.4279, 52.9394,
54.9667)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8BD
RGB	255, 168, 189
RGB Percent	100%, 66%, 74%
CMY	0.0000, 0.3412, 0.2588
CMYK	0.00, 0.34, 0.26, 0.00
HSL	346°, 100%, 83%
HSV	346°, 34%, 100%
XYZ	64.4279, 52.9394, 54.9667
YIQ	196.4070, 45.1110, 24.9750

Conversions

Conversions Part 2

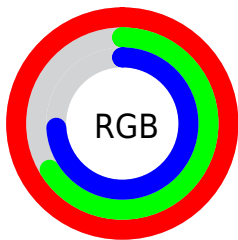
Format	Color
R _Y B	255, 168, 189
Decimal	16754877
CIE Lab	77.84, 34.74, 2.54
CIE LCh	78, 34.833, 4.186
Yxy	52.9394, 0.3739, 0.3072
Android (android.graphics.Color)	4294944957 (0xFFFFA8BD)
YUV	196.4070, -3.6517, 51.3861
Hunter-Lab	72.7595, 30.7312, 6.1405

Details

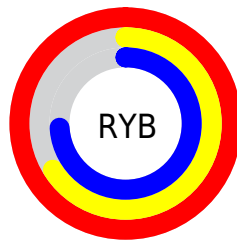
The XYZ color **64.4279, 52.9394, 54.9667** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.7619, 85.7864, 90.8857**, and the grayscale version is **52.7173, 55.4627, 60.3988**.

A 20% lighter version of the original color is **84.3771, 81.1639, 97.6052**, and **33.6006, 25.9094, 26.5226** is the 20% darker color. If you saturate the color by 10%, you get **58.2117, 43.6463, 43.2159**, and if you desaturate by 10%, it is **71.8501, 64.1955, 68.5027**.

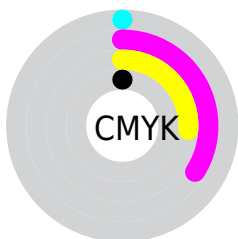
Distribution



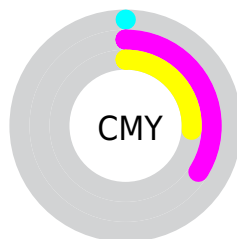
- Red (100%)
- Green (66%)
- Blue (74%)



- 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 64.4279, 52.9394, 54.9667 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 64.4279, 52.9394, 54.9667 by changing the saturation by 10% instead.


 64.4279, 52.9394,
54.9667

 64.4279, 52.9394,
54.9667

430.3110,
398.0526, 423.0641

 47.2603, 37.7544,
38.9766

 110.2972, 94.5152,
98.9628

 33.4503, 25.7921,
26.4339


 139.7297,
121.6748, 127.8060

 22.6325, 16.6682,
16.9198


173.9812,
153.5947, 161.7706

 14.4416, 9.9982,
10.0160

213.4170,
190.6592, 201.2751

 8.5122, 5.3978,
5.3038

258.4026,
233.2529, 246.7382

 4.4789, 2.4825,
2.3648

309.3032,

 1.9765, 0.8678,

281.7601, 298.5784

0.7672

366.4842,
336.5652, 357.2142

■ 0.6207, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.4279, 52.9394,
54.9667

■ 64.4279, 52.9394,
54.9667

■ 58.2117, 43.6463,
43.2159

■ 71.8501, 64.1955,
68.5027

■ 53.1320, 36.1961,
33.1710

■ 80.5342, 77.5109,
83.8921

■ 49.1188, 30.4668,
24.7515

■ 90.5379, 92.9845,
101.2032

■ 46.0920, 26.3185,
17.8684

95.0500, 100.0000,
108.9000

■ 43.9596, 23.5894,
12.4238

■ 42.6110, 22.0819,
8.3067

■ 42.0969, 21.6028,
6.4426

Harmonies

Analogous

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



62.9506, 52.9394, 75.4213



64.4279, 52.9394, 54.9667



61.8552, 52.9394, 39.1513

Triad

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



64.4279, 52.9394, 54.9667



43.3607, 52.9394, 32.0037



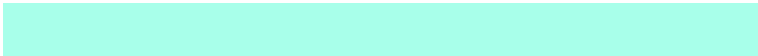
44.8662, 52.9394, 98.0729

Complementary

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



64.4279, 52.9394, 54.9667



66.7619, 85.7864, 90.8857

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.



40.3115, 52.9394, 81.1940



64.4279, 52.9394, 54.9667



39.4985, 52.9394, 42.9025

Square

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



64.4279, 52.9394, 54.9667



49.3743, 52.9394, 27.9131



38.4339, 52.9394, 60.4027



51.2723, 52.9394, 103.3168

Rectangle

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



64.4279, 52.9394, 54.9667



58.3140, 52.9394, 32.4152



38.4339, 52.9394, 60.4027



43.0873, 52.9394, 93.4109

Sweetspot

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



64.4293, 52.9419, 54.9678



84.4880, 83.6118, 90.7793



65.7403, 52.5937, 101.2945



17.7894, 17.4415, 18.9191



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.



64.4293, 52.9419, 54.9678



60.0233, 46.3386, 46.6899



66.6689, 60.8082, 45.2723



18.1891, 18.0589, 19.6127



22.0450, 11.3073, 3.6215



2.1871, 1.1172, 0.5668

Inverse Universe

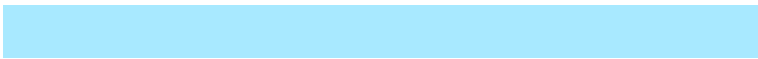
The Inverse Universe completely reimagines the original color for something new.



64.4293, 52.9419, 54.9678



60.0233, 46.3386, 46.6899



63.4101, 73.9660, 105.5425



18.1891, 18.0589, 19.6127



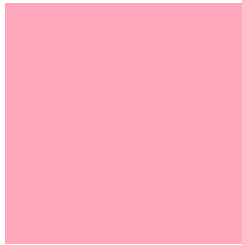
22.0450, 11.3073, 3.6215



2.1871, 1.1172, 0.5668

Previews

White Background



This preview shows how the XYZ color 64.4279, 52.9394, 54.9667 looks on a white background.

Color Contrast Check

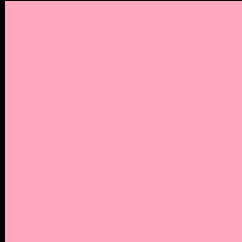
Large Text (above 18pt) WCAG AA × Fail

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 64.4279, 52.9394, 54.9667 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 64.4279, 52.9394, 54.9667

Background



This preview shows how black text looks on a background with the XYZ color 64.4279, 52.9394, 54.9667.



This preview shows how white text looks on a background with the XYZ color 64.4279, 52.9394,

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

64.4279, 52.9394, 54.9667

Protanopia

51.6214, 53.3485, 64.0765

Deuteranopia

54.1534, 52.9591, 53.8223



Tritanopia

63.5045, 52.8242, 51.1050

Trichromacy



Original Color

64.4279, 52.9394, 54.9667



Protanomaly

55.4454, 52.5431, 60.6456



Deuteranomaly

57.4028, 52.4861, 54.1191



Tritanomaly

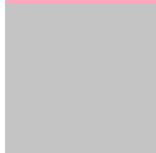
63.8180, 52.9495, 52.7557

Monochromacy



Original Color

64.4279, 52.9394, 54.9667



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 64.4279, 52.9394, 54.9667 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 189) }
```

Border

The CSS property to change the border of an element to XYZ 64.4279, 52.9394, 54.9667 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, 189) }
```


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

```
.border{ border-color:rgb(255, 168, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4279, 52.9394, 54.9667 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
168, 189) }
```

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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