

Converting Colors

XYZ(73.6861, 57.6454, 53.9544)

Have a look what the booklet for
XYZ(73.6861, 57.6454, 53.9544)
contains.

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Color

**XYZ(64.1056, 52.8104,
53.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8BA
RGB	255, 168, 186
RGB Percent	100%, 66%, 73%
CMY	0.0000, 0.3412, 0.2706
CMYK	0.00, 0.34, 0.27, 0.00
HSL	348°, 100%, 83%
HSV	348°, 34%, 100%
XYZ	64.1056, 52.8104, 53.2691
YIQ	196.0650, 46.0740, 24.0420

Conversions

Conversions Part 2

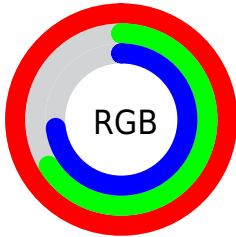
Format	Color
R _Y B	255, 168, 186
Decimal	16754874
CIE Lab	77.76, 34.34, 4.07
CIE LCh	78, 34.576, 6.757
Yxy	52.8104, 0.3767, 0.3103
Android (android.graphics.Color)	4294944954 (0xFFFFA8BA)
YUV	196.0650, -4.9620, 51.6860
Hunter-Lab	72.6708, 30.2877, 7.4088

Details

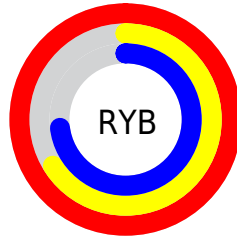
The XYZ color **64.1056, 52.8104, 53.2691** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.1966, 85.9602, 93.1750**, and the grayscale version is **52.5190, 55.2540, 60.1717**.

A 20% lighter version of the original color is **83.9227, 80.9821, 95.2123**, and **33.3903, 25.8252, 25.4152** is the 20% darker color. If you saturate the color by 10%, you get **57.8509, 43.5020, 41.3164**, and if you desaturate by 10%, it is **71.5902, 64.0914, 67.1345**.

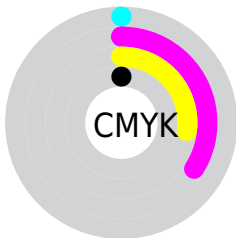
Distribution



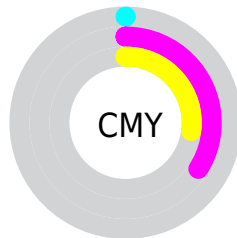
- Red (100%)
- Green (66%)
- Blue (73%)



- Red (100%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.1056, 52.8104, 53.2691 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 64.1056, 52.8104, 53.2691 by changing the saturation by 10% instead.


 64.1056, 52.8104,
53.2691


 64.1056, 52.8104,
53.2691


429.1671,
397.5573, 416.4122

 46.9982, 37.6514,
37.6284

 109.8359, 94.3253,
96.4458

 33.2422, 25.7123,
25.3948


 139.1895,
121.4501, 124.8189

 22.4722, 16.6085,
16.1498


173.3559,
153.3322, 158.2732

 14.3228, 9.9558,
9.4747

212.7004,
190.3561, 197.2273

 8.4287, 5.3696,
4.9511

257.5885,
232.9061, 242.0997

 4.4246, 2.4657,
2.1603

308.3853,

 1.9450, 0.8594,

281.3668, 293.3090

0.6513

365.4564,
336.1223, 351.2737

■ 0.6028, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1056, 52.8104,
53.2691

■ 64.1056, 52.8104,
53.2691

■ 57.8509, 43.5020,
41.3164

■ 71.5902, 64.0914,
67.1345

■ 52.7554, 36.0454,
31.1882

■ 80.3627, 77.4421,
82.9892

■ 48.7470, 30.3180,
22.7939

■ 90.4819, 92.9620,
100.9091

■ 45.7435, 26.1791,
16.0338

95.0500, 100.0000,
108.9000

■ 43.6507, 23.4658,
10.7970

■ 42.3549, 21.9794,
6.9581

■ 41.8768, 21.5147,
5.2834

Harmonies

Analogous

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



62.9867, 52.8104, 73.3253



64.1056, 52.8104, 53.2691



61.2398, 52.8104, 38.1282

Triad

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



64.1056, 52.8104, 53.2691



42.8734, 52.8104, 32.7177



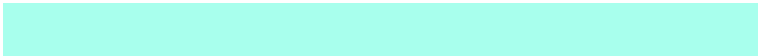
45.2804, 52.8104, 98.5007

Complementary

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



64.1056, 52.8104, 53.2691



67.1966, 85.9602, 93.1750

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.



40.5646, 52.8104, 82.5266



64.1056, 52.8104, 53.2691



39.2637, 52.8104, 44.1357

Square

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



64.1056, 52.8104, 53.2691



48.6942, 52.8104, 28.0936



38.4576, 52.8104, 61.9524



51.7257, 52.8104, 102.4732

Rectangle

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



64.1056, 52.8104, 53.2691



57.5934, 52.8104, 31.8349



38.4576, 52.8104, 61.9524



43.4585, 52.8104, 94.2075

Sweetspot

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



64.1069, 52.8128, 53.2701



84.3607, 83.5609, 90.1093



66.6961, 53.0864, 101.3392



17.7589, 17.4293, 18.7581



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.



64.1069, 52.8128, 53.2701



59.6720, 46.1981, 44.8403



67.3021, 62.0747, 45.4833



18.1630, 18.0485, 19.4757



21.9244, 11.2590, 2.9862



2.1720, 1.1112, 0.4871

Inverse Universe

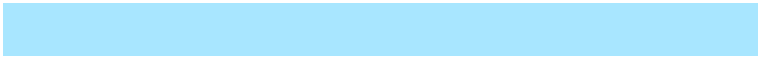
The Inverse Universe completely reimagines the original color for something new.



64.1069, 52.8128, 53.2701



59.6720, 46.1981, 44.8403



62.5946, 72.3352, 105.2707



18.1630, 18.0485, 19.4757



21.9244, 11.2590, 2.9862



2.1720, 1.1112, 0.4871

Previews

White Background



This preview shows how the XYZ color 64.1056, 52.8104, 53.2691 looks on a white background.

Color Contrast Check

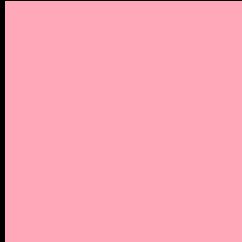
Large Text (above 18pt) WCAG AA × Fail

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 64.1056, 52.8104, 53.2691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

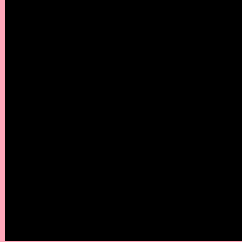
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1056, 52.8104, 53.2691

Background



This preview shows how black text looks on a background with the XYZ color 64.1056, 52.8104, 53.2691.



This preview shows how white text looks on a background with the XYZ color 64.1056, 52.8104,

53.2691.

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

64.1056, 52.8104, 53.2691

Protanopia

51.4066, 53.2921, 61.6098

Deuteranopia

54.1305, 52.9838, 52.1737



Tritanopia

63.8715, 53.0133, 51.1222

Trichromacy



Original Color

64.1056, 52.8104, 53.2691



Protanomaly

54.9900, 52.3609, 58.2473



Deuteranomaly

57.4050, 52.5239, 52.4600



Tritanomaly

63.9752, 53.0548, 51.6685

Monochromacy



Original Color

64.1056, 52.8104, 53.2691



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 64.1056, 52.8104, 53.2691 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 186) }
```

Border

The CSS property to change the border of an element to XYZ 64.1056, 52.8104, 53.2691 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, 186) }
```


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

```
.border{ border-color:rgb(255, 168, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1056, 52.8104, 53.2691 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
168, 186) }
```

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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