

Converting Colors

XYZ(85.2405, 63.5478, 48.1003)

Have a look what the booklet for
XYZ(85.2405, 63.5478, 48.1003)
contains.

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Color

**XYZ(62.7966, 51.9926,
47.2833)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7AF
RGB	255, 167, 175
RGB Percent	100%, 65%, 69%
CMY	0.0000, 0.3451, 0.3137
CMYK	0.00, 0.35, 0.31, 0.00
HSL	355°, 100%, 83%
HSV	355°, 35%, 100%
XYZ	62.7966, 51.9926, 47.2833
YIQ	194.2240, 49.8800, 21.1440

Conversions

Conversions Part 2

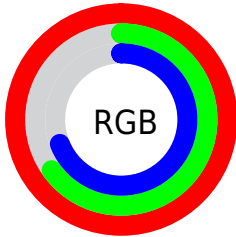
Format	Color
R _Y B	255, 167, 175
Decimal	16754607
CIE _{Lab}	77.28, 33.43, 9.37
CIE _{LCh}	77, 34.715, 15.655
Yxy	51.9926, 0.3875, 0.3208
Android (android.graphics.Color)	4294944687 (0xFFFFA7AF)
YUV	194.2240, -9.4774, 53.3006
Hunter-Lab	72.1059, 29.2693, 11.5948

Details

The XYZ color **62.7966, 51.9926, 47.2833** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.4871, 86.4519, 101.0773**, and the grayscale version is **51.4457, 54.1249, 58.9420**.

A 20% lighter version of the original color is **81.9106, 79.7485, 85.9388**, and **32.3574, 25.2005, 21.8976** is the 20% darker color. If you saturate the color by 10%, you get **56.4924, 42.7206, 34.8961**, and if you desaturate by 10%, it is **70.4154, 63.2679, 62.0383**.

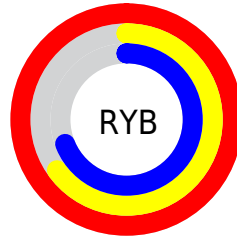
Distribution



Red (100%)

Green (65%)

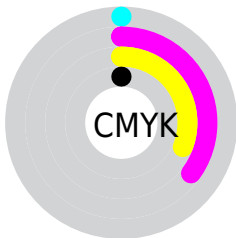
Blue (69%)



Red (100%)

Yellow (65%)

Blue (69%)

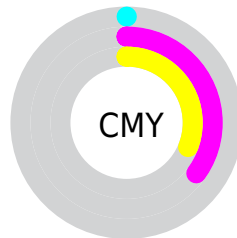


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.7966, 51.9926, 47.2833 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 62.7966, 51.9926, 47.2833 by changing the saturation by 10% instead.


 62.7966, 51.9926,
47.2833


 62.7966, 51.9926,
47.2833


424.5023,
394.4080, 392.3707

 45.9347, 36.9992,
32.9037

 107.9595, 93.1203,
87.4908

 32.3987, 25.2069,
21.7822


 136.9912,
120.0234, 114.1557

 21.8232, 16.2312,
13.5002


170.8102,
151.6652, 145.7529

 13.8430, 9.6879,
7.6391

209.7818,
188.4300, 182.7008

 8.0925, 5.1925,
3.7804

254.2715,
230.7023, 225.4180

 4.2065, 2.3607,
1.5057

304.6446,

 1.8196, 0.8055,

278.8665, 274.3230

0.2222

361.2664,
333.3070, 329.8344

■ 0.5294, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.7966, 51.9926,
47.2833

■ 62.7966, 51.9926,
47.2833

■ 56.4924, 42.7206,
34.8961

■ 70.4154, 63.2679,
62.0383

■ 51.4244, 35.3276,
24.7504

■ 79.4133, 76.6463,
79.2724

■ 47.5121, 29.6873,
16.7127

■ 89.8554, 92.2300,
99.0934

■ 44.6639, 25.6546,
10.6341

95.0500, 100.0000,
108.9000

■ 42.7739, 23.0612,
6.3461

■ 41.7141, 21.7010,
3.6514

■ 41.3963, 21.3225,
2.7533

Harmonies

Analogous

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



62.8856, 51.9926, 66.1884



62.7966, 51.9926, 47.2833



58.9157, 51.9926, 34.2324

Triad

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



62.7966, 51.9926, 47.2833



40.8165, 51.9926, 34.6581



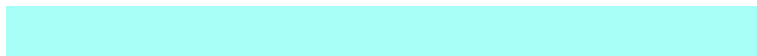
46.3133, 51.9926, 100.0746

Complementary

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



62.7966, 51.9926, 47.2833



68.4871, 86.4519, 101.0773

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.



40.9991, 51.9926, 87.0846



62.7966, 51.9926, 47.2833



38.0242, 51.9926, 48.0053

Square

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



62.7966, 51.9926, 47.2833



46.0430, 51.9926, 28.1395



38.0878, 51.9926, 67.0914



52.9528, 51.9926, 99.7576

Rectangle

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



62.7966, 51.9926, 47.2833



54.8843, 51.9926, 29.3485



38.0878, 51.9926, 67.0914



44.3262, 51.9926, 97.0116

Sweetspot

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



62.7979, 51.9951, 47.2843



83.9373, 83.3915, 87.8798



69.9464, 54.4890, 101.4386



17.6573, 17.3886, 18.2232



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.



62.7979, 51.9951, 47.2843



58.5590, 45.7529, 38.9790



69.3841, 66.3871, 45.7195



18.0764, 18.0139, 19.0194



21.6529, 11.1505, 1.5569



2.1299, 1.0943, 0.2653

Inverse Universe

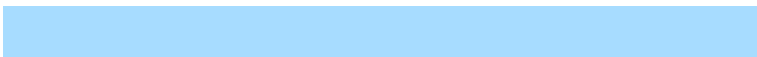
The Inverse Universe completely reimagines the original color for something new.



62.7979, 51.9951, 47.2843



58.5590, 45.7529, 38.9790



59.5292, 66.5191, 104.3097



18.0764, 18.0139, 19.0194



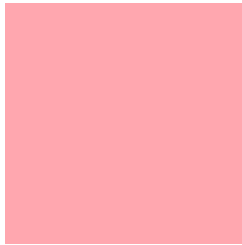
21.6529, 11.1505, 1.5569



2.1299, 1.0943, 0.2653

Previews

White Background



This preview shows how the XYZ color 62.7966, 51.9926, 47.2833 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 62.7966, 51.9926, 47.2833 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 62.7966, 51.9926, 47.2833

Background



This preview shows how black text looks on a background with the XYZ color 62.7966, 51.9926, 47.2833.



This preview shows how white text looks on a background with the XYZ color 62.7966, 51.9926,

47.2833.

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

62.7966, 51.9926, 47.2833

Protanopia

49.9962, 52.0599, 54.9904

Deuteranopia

53.2022, 52.0113, 46.2648



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

62.7966, 51.9926, 47.2833



Protanomaly

53.8905, 51.6265, 51.9243



Deuteranomaly

56.4182, 51.8468, 46.5690



Tritanomaly

63.0946, 52.1118, 48.8526

Monochromacy



Original Color

62.7966, 51.9926, 47.2833



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.4290, 52.4678, 54.2723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7966, 51.9926, 47.2833 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, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 175)  
}
```

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, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 175) }
```

Border

The CSS property to change the border of an element to XYZ 62.7966, 51.9926, 47.2833 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, 167, 175) }
```


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

```
.border{ border-color:rgb(255, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7966, 51.9926, 47.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 175) }
```

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

```
.background{ background-color: rgb(255,  
167, 175) }
```

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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