

Converting Colors

XYZ(100.6387, 71.5798,
46.4304)

Have a look what the booklet for
XYZ(100.6387, 71.5798, 46.4304)
contains.

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Color

**XYZ(62.3144, 51.7997,
44.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA7AA
RGB	255, 167, 170
RGB Percent	100%, 65%, 67%
CMY	0.0000, 0.3451, 0.3333
CMYK	0.00, 0.35, 0.33, 0.00
HSL	358°, 100%, 83%
HSV	358°, 35%, 100%
XYZ	62.3144, 51.7997, 44.7442
YIQ	193.6540, 51.4850, 19.5890

Conversions

Conversions Part 2

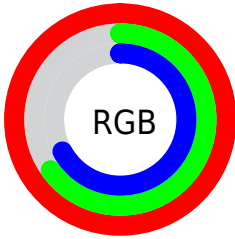
Format	Color
R _Y B	255, 167, 170
Decimal	16754602
CIE Lab	77.16, 32.81, 11.93
CIE LCh	77, 34.910, 19.983
Yxy	51.7997, 0.3923, 0.3261
Android (android.graphics.Color)	4294944682 (0xFFFFA7AA)
YUV	193.6540, -11.6614, 53.8004
Hunter-Lab	71.9720, 28.5969, 13.5205

Details

The XYZ color **62.3144, 51.7997, 44.7442** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.2693, 86.7648, 105.1964**, and the grayscale version is **51.1203, 53.7826, 58.5692**.

A 20% lighter version of the original color is **81.2183, 79.4716, 82.2930**, and **32.0523, 25.0784, 20.2908** is the 20% darker color. If you saturate the color by 10%, you get **55.9791, 42.5152, 32.1933**, and if you desaturate by 10%, it is **70.0100, 63.1057, 59.9034**.

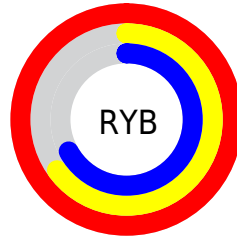
Distribution



Red (100%)

Green (65%)

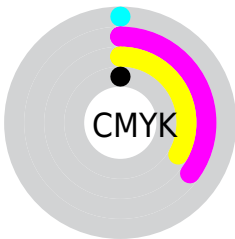
Blue (67%)



Red (100%)

Yellow (65%)

Blue (67%)

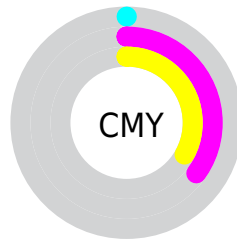


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3144, 51.7997, 44.7442 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 62.3144, 51.7997, 44.7442 by changing the saturation by 10% instead.


 62.3144, 51.7997,
44.7442


 62.3144, 51.7997,
44.7442


422.7763,
393.6629, 381.8664

 45.5434, 36.8454,
30.9145

 107.2672, 92.8358,
83.6508

 32.0887, 25.0878,
20.2758


 136.1796,
119.6864, 109.5648

 21.5851, 16.1425,
12.4096


169.8699,
151.2712, 140.3440

 13.6673, 9.6251,
6.8974

208.7034,
187.9747, 176.4069

 7.9698, 5.1511,
3.3205

253.0454,
230.1812, 218.1720

 4.1273, 2.3362,
1.2605

303.2613,

 1.7744, 0.7928,

278.2751, 266.0580

0.0291

359.7165,
332.6409, 320.4833

■ 0.5022, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3144, 51.7997,
44.7442

■ 62.3144, 51.7997,
44.7442

■ 55.9791, 42.5152,
32.1933

■ 70.0100, 63.1057,
59.9034

■ 50.9212, 35.1263,
22.1009

■ 79.1343, 76.5347,
77.8031

■ 47.0552, 29.5045,
14.3065

■ 89.7560, 92.1903,
98.5704

■ 44.2832, 25.5024,
8.6295

95.0500, 100.0000,
108.9000

■ 42.4921, 22.9485,
4.8624

■ 41.5440, 21.6330,
2.7556

■ 41.2875, 21.2790,
2.1804

Harmonies

Analogous

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



62.9923, 51.7997, 63.0428



62.3144, 51.7997, 44.7442



57.9610, 51.7997, 32.6651

Triad

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



62.3144, 51.7997, 44.7442



40.0403, 51.7997, 35.9051



47.0341, 51.7997, 100.9186

Complementary

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



62.3144, 51.7997, 44.7442



69.2693, 86.7648, 105.1964

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.



41.4303, 51.7997, 89.5127



62.3144, 51.7997, 44.7442



37.6409, 51.7997, 50.2431

Square

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



62.3144, 51.7997, 44.7442



44.9750, 51.7997, 28.4190



38.1256, 51.7997, 69.9247



53.7538, 51.7997, 98.5014

Rectangle

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



62.3144, 51.7997, 44.7442



53.7616, 51.7997, 28.4239



38.1256, 51.7997, 69.9247



44.9682, 51.7997, 98.4903

Sweetspot

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



62.3157, 51.8022, 44.7452



83.7325, 83.3096, 86.8012



71.5098, 55.2949, 101.5118



17.6083, 17.3690, 17.9650



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.



62.3157, 51.8022, 44.7452



58.0517, 45.5500, 36.3077



70.4326, 68.4841, 46.0690



18.0344, 17.9971, 18.7985



21.5844, 11.1231, 1.1962



2.1100, 1.0864, 0.1608

Inverse Universe

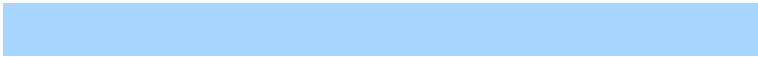
The Inverse Universe completely reimagines the original color for something new.



62.3157, 51.8022, 44.7452



58.0517, 45.5500, 36.3077



58.3909, 64.2426, 103.9303



18.0344, 17.9971, 18.7985



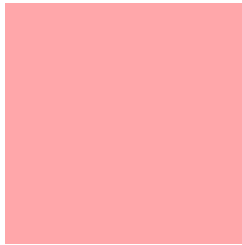
21.5844, 11.1231, 1.1962



2.1100, 1.0864, 0.1608

Previews

White Background



This preview shows how the XYZ color 62.3144, 51.7997, 44.7442 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 62.3144, 51.7997, 44.7442 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 62.3144, 51.7997, 44.7442

Background



This preview shows how black text looks on a background with the XYZ color 62.3144, 51.7997, 44.7442.



This preview shows how white text looks on a background with the XYZ color 62.3144, 51.7997,

44.7442.

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

62.3144, 51.7997, 44.7442

Protanopia

49.6219, 51.9401, 51.6661

Deuteranopia

53.0290, 51.9764, 43.7967



Tritanopia

62.9121, 51.7468, 48.7918

Trichromacy



Original Color

62.3144, 51.7997, 44.7442

Protanomaly

53.3791, 51.4220, 49.2315

Deuteranomaly

55.9433, 51.6569, 44.0680

Tritanomaly

62.6141, 51.6276, 47.2224

Monochromacy



Original Color

62.3144, 51.7997, 44.7442

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.2163, 52.3827, 53.1523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3144, 51.7997, 44.7442 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 62.3144, 51.7997, 44.7442 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, 170) }
```


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

```
.border{ border-color:rgb(255, 167, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3144, 51.7997, 44.7442 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
167, 170) }
```

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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