

Converting Colors

XYZ(61.4642, 50.4213, 43.4683)

Have a look what the booklet for
XYZ(61.4642, 50.4213, 43.4683)
contains.

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Color

**XYZ(61.4051, 50.2815,
43.5147)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A8
RGB	255, 163, 168
RGB Percent	100%, 64%, 66%
CMY	0.0000, 0.3608, 0.3412
CMYK	0.00, 0.36, 0.34, 0.00
HSL	357°, 100%, 82%
HSV	357°, 36%, 100%
XYZ	61.4051, 50.2815, 43.5147
YIQ	191.0780, 53.2270, 21.0590

Conversions

Conversions Part 2

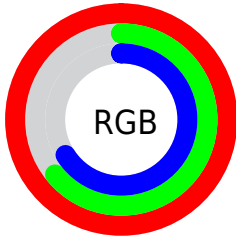
Format	Color
R _Y B	255, 163, 168
Decimal	16753576
CIE Lab	76.24, 34.65, 11.72
CIE LCh	76, 36.575, 18.689
Yxy	50.2815, 0.3956, 0.3240
Android (android.graphics.Color)	4294943656 (0xFFFFA3A8)
YUV	191.0780, -11.3775, 56.0596
Hunter-Lab	70.9094, 30.4832, 13.2524

Details

The XYZ color **61.4051, 50.2815, 43.5147** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1217, 86.2097, 103.4966**, and the grayscale version is **49.6099, 52.1935, 56.8387**.

A 20% lighter version of the original color is **79.8908, 77.2507, 80.5122**, and **31.4933, 24.1486, 19.5243** is the 20% darker color. If you saturate the color by 10%, you get **55.2831, 41.3058, 31.3989**, and if you desaturate by 10%, it is **68.8590, 61.2542, 58.1310**.

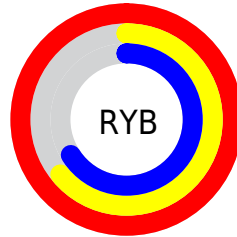
Distribution



Red (100%)

Green (64%)

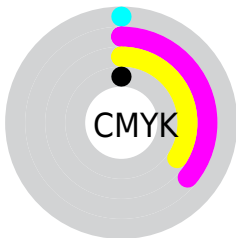
Blue (66%)



Red (100%)

Yellow (64%)

Blue (66%)

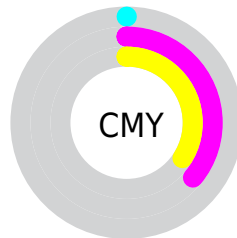


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4051, 50.2815, 43.5147 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 61.4051, 50.2815, 43.5147 by changing the saturation by 10% instead.


 61.4051, 50.2815,
43.5147


 61.4051, 50.2815,
43.5147


419.5100,
387.7658, 376.7074

 44.8060, 35.6371,
29.9548

 105.9601, 90.5918,
81.7817

 31.5052, 24.1541,
19.5525


 134.6466,
117.0265, 107.3258

 21.1376, 15.4479,
11.8893


168.0930,
148.1602, 137.7017

 13.3376, 9.1344,
6.5467

206.6646,
184.3771, 173.3280

 7.7401, 4.8289,
3.1062

250.7267,
226.0618, 214.6232

 3.9795, 2.1472,
1.1491

300.6447,

 1.6905, 0.6910,

273.5985, 262.0058

0.0000

356.7841,
327.3717, 315.8943

■ 0.4503, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4051, 50.2815,
43.5147

■ 61.4051, 50.2815,
43.5147

■ 55.2831, 41.3058,
31.3989

■ 68.8590, 61.2542,
58.1310

■ 50.4111, 34.2003,
21.6406

■ 77.7129, 74.3263,
75.3738

■ 46.7038, 28.8349,
14.0873

■ 88.0349, 89.6020,
95.3641

■ 44.0638, 25.0601,
8.5670

95.0500, 100.0000,
108.9000

■ 42.3777, 22.7008,
4.8825

■ 41.5064, 21.5403,
2.7970

■ 41.3182, 21.2913,
2.3419

Harmonies

Analogous

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



61.9257, 50.2815, 62.4960



61.4051, 50.2815, 43.5147



57.0373, 50.2815, 30.9947

Triad

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



61.4051, 50.2815, 43.5147



38.5530, 50.2815, 33.4065



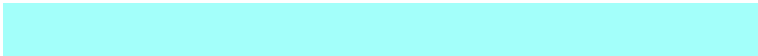
45.2505, 50.2815, 100.7675

Complementary

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



61.4051, 50.2815, 43.5147



68.1217, 86.2097, 103.4966

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.



39.6023, 50.2815, 88.3037



61.4051, 50.2815, 43.5147



35.9897, 50.2815, 47.6684

Square

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



61.4051, 50.2815, 43.5147



43.6883, 50.2815, 26.1959



36.3544, 50.2815, 67.7651



52.1430, 50.2815, 98.8901

Rectangle

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



61.4051, 50.2815, 43.5147



52.7465, 50.2815, 26.5593



36.3544, 50.2815, 67.7651



43.1561, 50.2815, 98.0157

Sweetspot

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



61.4063, 50.2839, 43.5157



82.7648, 81.7986, 85.1700



70.1679, 53.5320, 101.2422



17.4182, 17.0690, 17.6548



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.



61.4063, 50.2839, 43.5157



57.0296, 43.8622, 34.8679



69.1768, 66.5552, 43.8538



18.0493, 18.0031, 18.8770



21.6057, 11.1316, 1.3081



2.1171, 1.0892, 0.1980

Inverse Universe

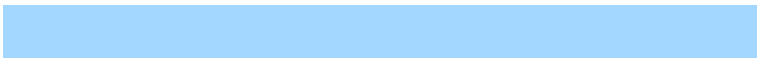
The Inverse Universe completely reimagines the original color for something new.



61.4063, 50.2839, 43.5157



57.0296, 43.8622, 34.8679



57.4907, 63.6775, 103.8686



18.0493, 18.0031, 18.8770



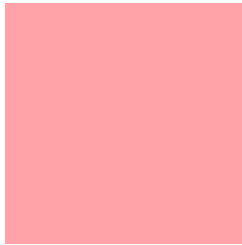
21.6057, 11.1316, 1.3081



2.1171, 1.0892, 0.1980

Previews

White Background



This preview shows how the XYZ color 61.4051, 50.2815, 43.5147 looks on a white background.

Color Contrast Check

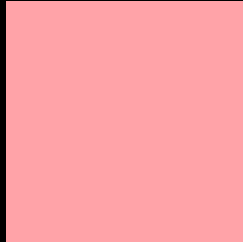
Large Text (above 18pt) WCAG AA × Fail

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 61.4051, 50.2815, 43.5147 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 61.4051, 50.2815, 43.5147

Background



This preview shows how black text looks on a background with the XYZ color 61.4051, 50.2815, 43.5147.



This preview shows how white text looks on a background with the XYZ color 61.4051, 50.2815,

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

61.4051, 50.2815, 43.5147

Protanopia

48.5718, 50.7720, 50.9560

Deuteranopia

51.3397, 50.2114, 42.5832



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

61.4051, 50.2815, 43.5147

Protanomaly

52.2755, 49.9737, 47.9650

Deuteranomaly

54.6521, 49.8483, 42.8176

Tritanomaly

61.6067, 50.0792, 45.4490

Monochromacy



Original Color

61.4051, 50.2815, 43.5147

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.8027, 50.7628, 51.8149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4051, 50.2815, 43.5147 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, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 168)  
}
```

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, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 168) }
```

Border

The CSS property to change the border of an element to XYZ 61.4051, 50.2815, 43.5147 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, 163, 168) }
```


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

```
.border{ border-color:rgb(255, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4051, 50.2815, 43.5147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 168) }
```

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

```
.background{ background-color: rgb(255,  
163, 168) }
```

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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