

Converting Colors

XYZ(111.3873, 76.1685,
44.7802)

Have a look what the booklet for
XYZ(111.3873, 76.1685, 44.7802)
contains.

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Color

**XYZ(61.2201, 50.2076,
42.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A6
RGB	255, 163, 166
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3608, 0.3490
CMYK	0.00, 0.36, 0.35, 0.00
HSL	358°, 100%, 82%
HSV	358°, 36%, 100%
XYZ	61.2201, 50.2076, 42.5408
YIQ	190.8500, 53.8690, 20.4370

Conversions

Conversions Part 2

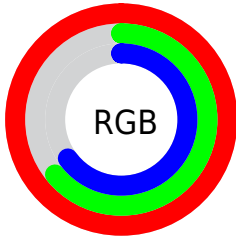
Format	Color
R _Y B	255, 163, 166
Decimal	16753574
CIE Lab	76.20, 34.41, 12.75
CIE LCh	76, 36.693, 20.331
Yxy	50.2076, 0.3976, 0.3261
Android (android.graphics.Color)	4294943654 (0xFFFFA3A6)
YUV	190.8500, -12.2510, 56.2596
Hunter-Lab	70.8573, 30.2221, 14.0040

Details

The XYZ color **61.2201, 50.2076, 42.5408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.4372, 86.3358, 105.1575**, and the grayscale version is **49.4825, 52.0594, 56.6927**.

A 20% lighter version of the original color is **79.6227, 77.1435, 79.1002**, and **31.3781, 24.1025, 18.9180** is the 20% darker color. If you saturate the color by 10%, you get **55.0903, 41.2287, 30.3831**, and if you desaturate by 10%, it is **68.6995, 61.1905, 57.2908**.

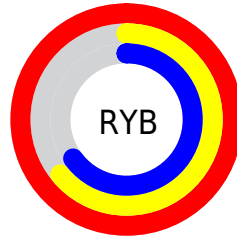
Distribution



Red (100%)

Green (64%)

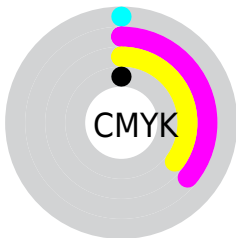
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

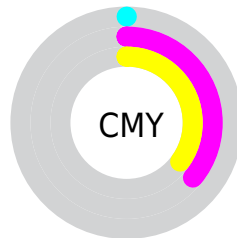


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2201, 50.2076, 42.5408 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 61.2201, 50.2076, 42.5408 by changing the saturation by 10% instead.


 61.2201, 50.2076,
42.5408


 61.2201, 50.2076,
42.5408


418.8436,
387.4772, 372.5855

 44.6560, 35.5784,
29.1963

 105.6939, 90.4824,
80.2964

 31.3867, 24.1087,
18.9825


 134.3343,
116.8967, 105.5445

 21.0468, 15.4143,
11.4809

167.7309,
148.0083, 135.5975

 13.2708, 9.1107,
6.2731

206.2489,
184.2014, 170.8740

 7.6936, 4.8134,
2.9404

250.2539,
225.8604, 211.7925

 3.9497, 2.1382,
1.0643

300.1111,

 1.6737, 0.6860,

273.3698, 258.7715

0.0000

356.1859,
327.1139, 312.2297

■ 0.4397, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2201, 50.2076,
42.5408

■ 61.2201, 50.2076,
42.5408

■ 55.0903, 41.2287,
30.3831

■ 68.6995, 61.1905,
57.2908

■ 50.2259, 34.1263,
20.6652

■ 77.5979, 74.2805,
74.7678

■ 46.5398, 28.7694,
13.2233

■ 87.9849, 89.5821,
95.1006

■ 43.9319, 25.0073,
7.8723

95.0500, 100.0000,
108.9000

■ 42.2857, 22.6640,
4.3980

■ 41.4576, 21.5208,
2.5403

■ 41.2854, 21.2782,
2.1695

Harmonies

Analogous

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



61.9738, 50.2076, 61.2753



61.2201, 50.2076, 42.5408



56.6660, 50.2076, 30.3981

Triad

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



61.2201, 50.2076, 42.5408



38.2518, 50.2076, 33.8875



45.5350, 50.2076, 101.1235

Complementary

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



61.2201, 50.2076, 42.5408



68.4372, 86.3358, 105.1575

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.



39.7703, 50.2076, 89.2926



61.2201, 50.2076, 42.5408



35.8400, 50.2076, 48.5527

Square

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



61.2201, 50.2076, 42.5408



43.2738, 50.2076, 26.2982



36.3679, 50.2076, 68.9042



52.4626, 50.2076, 98.4044

Rectangle

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



61.2201, 50.2076, 42.5408



52.3097, 50.2076, 26.2064



36.3679, 50.2076, 68.9042



43.4085, 50.2076, 98.6262

Sweetspot

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



61.2214, 50.2100, 42.5418



82.6800, 81.7647, 84.7236



71.2692, 54.0999, 101.2937



17.3982, 17.0610, 17.5495



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.



61.2214, 50.2100, 42.5418



56.8373, 43.7853, 33.8556



69.9076, 68.0168, 44.0976



18.0333, 17.9966, 18.7927



21.5829, 11.1225, 1.1881



2.1095, 1.0862, 0.1581

Inverse Universe

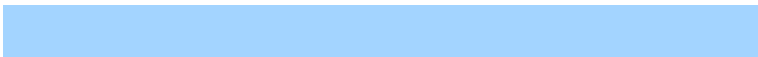
The Inverse Universe completely reimagines the original color for something new.



61.2214, 50.2100, 42.5418



56.8373, 43.7853, 33.8556



56.7166, 62.1291, 103.6105



18.0333, 17.9966, 18.7927



21.5829, 11.1225, 1.1881



2.1095, 1.0862, 0.1581

Previews

White Background



This preview shows how the XYZ color 61.2201, 50.2076, 42.5408 looks on a white background.

Color Contrast Check

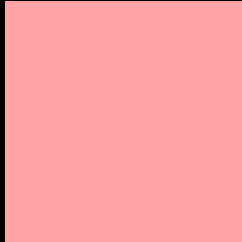
Large Text (above 18pt) WCAG AA × Fail

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 61.2201, 50.2076, 42.5408 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 61.2201, 50.2076, 42.5408

Background



This preview shows how black text looks on a background with the XYZ color 61.2201, 50.2076, 42.5408.



This preview shows how white text looks on a background with the XYZ color 61.2201, 50.2076,

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

61.2201, 50.2076, 42.5408

Protanopia

48.3680, 50.6904, 49.8828

Deuteranopia

51.4536, 50.2910, 41.6456



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

61.2201, 50.2076, 42.5408



Protanomaly

52.0790, 49.8951, 46.9303



Deuteranomaly

54.4700, 49.7754, 41.8587



Tritanomaly

61.5110, 50.0409, 44.9450

Monochromacy



Original Color

61.2201, 50.2076, 42.5408



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.6989, 50.7213, 51.2686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2201, 50.2076, 42.5408 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 166) }
```

Border

The CSS property to change the border of an element to XYZ 61.2201, 50.2076, 42.5408 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, 166) }
```


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

```
.border{ border-color:rgb(255, 163, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2201, 50.2076, 42.5408 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
163, 166) }
```

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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