

Converting Colors

XYZ(64.7826, 52.0216, 42.9838)

Have a look what the booklet for
XYZ(64.7826, 52.0216, 42.9838)
contains.

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Color

**XYZ(61.3122, 50.2444,
43.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A7
RGB	255, 163, 167
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3608, 0.3451
CMYK	0.00, 0.36, 0.35, 0.00
HSL	357°, 100%, 82%
HSV	357°, 36%, 100%
XYZ	61.3122, 50.2444, 43.0258
YIQ	190.9640, 53.5480, 20.7480

Conversions

Conversions Part 2

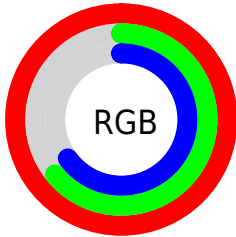
Format	Color
R_{YB}	255, 163, 167
Decimal	16753575
CIE _{Lab}	76.22, 34.53, 12.23
CIE _{LCh}	76, 36.630, 19.512
Yxy	50.2444, 0.3966, 0.3250
Android (android.graphics.Color)	4294943655 (0xFFFFA3A7)
YUV	190.9640, -11.8143, 56.1596
Hunter-Lab	70.8833, 30.3521, 13.6296

Details

The XYZ color **61.3122, 50.2444, 43.0258** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2791, 86.2726, 104.3250**, and the grayscale version is **49.5462, 52.1265, 56.7657**.

A 20% lighter version of the original color is **79.7563, 77.1970, 79.8041**, and **31.4354, 24.1254, 19.2195** is the 20% darker color. If you saturate the color by 10%, you get **55.1862, 41.2671, 30.8880**, and if you desaturate by 10%, it is **68.7790, 61.2223, 57.7098**.

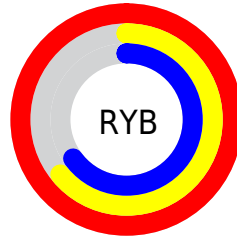
Distribution



Red (100%)

Green (64%)

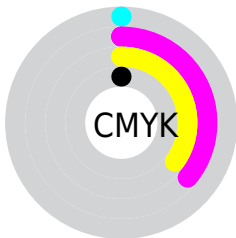
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

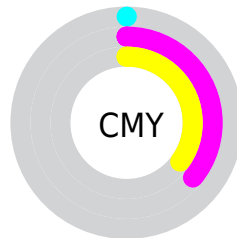


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3122, 50.2444, 43.0258 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 61.3122, 50.2444, 43.0258 by changing the saturation by 10% instead.

 61.3122, 50.2444,
43.0258


 61.3122, 50.2444,
43.0258


419.1754,
387.6209, 374.6422

 44.7307, 35.6076,
29.5738


 105.8264, 90.5369,
81.0366

 31.4457, 24.1313,
19.2660


 134.4898,
116.9614, 106.4324

 21.0920, 15.4311,
11.6839


167.9112,
148.0839, 136.6466

 13.3041, 9.1225,
6.4089

206.4559,
184.2889, 172.0978

 7.7167, 4.8212,
3.0225

250.4893,
225.9607, 213.2044

 3.9645, 2.1427,
1.1061

300.3768,

 1.6821, 0.6885,

273.4837, 260.3849

0.0000

356.4837,
327.2423, 314.0580

■ 0.4450, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3122, 50.2444,
43.0258

■ 61.3122, 50.2444,
43.0258

■ 55.1862, 41.2671,
30.8880

■ 68.7790, 61.2223,
57.7098

■ 50.3177, 34.1630,
21.1488

■ 77.6554, 74.3034,
75.0704

■ 46.6208, 28.8018,
13.6501

■ 88.0099, 89.5921,
95.2323

■ 43.9967, 25.0332,
8.2135

95.0500, 100.0000,
108.9000

■ 42.3304, 22.6818,
4.6333

■ 41.4807, 21.5301,
2.6617

■ 41.3008, 21.2843,
2.2503

Harmonies

Analogous

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



61.9494, 50.2444, 61.8832



61.3122, 50.2444, 43.0258



56.8512, 50.2444, 30.6955

Triad

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



61.3122, 50.2444, 43.0258



38.4022, 50.2444, 33.6466



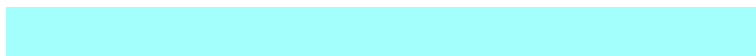
45.3926, 50.2444, 100.9445

Complementary

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



61.3122, 50.2444, 43.0258



68.2791, 86.2726, 104.3250

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.



39.6862, 50.2444, 88.7967



61.3122, 50.2444, 43.0258



35.9148, 50.2444, 48.1093

Square

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



61.3122, 50.2444, 43.0258



43.4806, 50.2444, 26.2472



36.3612, 50.2444, 68.3329



52.3025, 50.2444, 98.6461

Rectangle

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



61.3122, 50.2444, 43.0258



52.5275, 50.2444, 26.3826



36.3612, 50.2444, 68.3329



43.2822, 50.2444, 98.3198

Sweetspot

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



61.3135, 50.2468, 43.0268



82.7223, 81.7816, 84.9466



70.7163, 53.8148, 101.2678



17.4082, 17.0650, 17.6021



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.



61.3135, 50.2468, 43.0268



56.9329, 43.8235, 34.3591



69.5404, 67.2825, 43.9752



18.0413, 17.9998, 18.8348



21.5943, 11.1270, 1.2480



2.1133, 1.0877, 0.1780

Inverse Universe

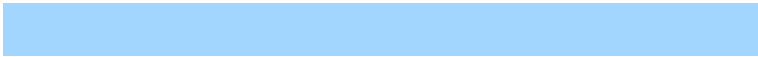
The Inverse Universe completely reimagines the original color for something new.



61.3135, 50.2468, 43.0268



56.9329, 43.8235, 34.3591



57.1019, 62.8997, 103.7390



18.0413, 17.9998, 18.8348



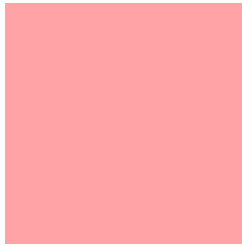
21.5943, 11.1270, 1.2480



2.1133, 1.0877, 0.1780

Previews

White Background



This preview shows how the XYZ color 61.3122, 50.2444, 43.0258 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 61.3122, 50.2444, 43.0258 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 61.3122, 50.2444, 43.0258

Background



This preview shows how black text looks on a background with the XYZ color 61.3122, 50.2444, 43.0258.



This preview shows how white text looks on a background with the XYZ color 61.3122, 50.2444,

43.0258.

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

61.3122, 50.2444, 43.0258

Protanopia

48.4696, 50.7311, 50.4175

Deuteranopia

51.2490, 50.1752, 42.1056



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

61.3122, 50.2444, 43.0258

Protanomaly

52.1769, 49.9343, 47.4457

Deuteranomaly

54.5607, 49.8117, 42.3363

Tritanomaly

61.5110, 50.0409, 44.9450

Monochromacy



Original Color

61.3122, 50.2444, 43.0258

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 61.3122, 50.2444, 43.0258 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 167) }
```

Border

The CSS property to change the border of an element to XYZ 61.3122, 50.2444, 43.0258 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, 167) }
```


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

```
.border{ border-color:rgb(255, 163, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3122, 50.2444, 43.0258 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
163, 167) }
```

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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