

Converting Colors

XYZ(67.9996, 53.8213, 43.5152)

Have a look what the booklet for
XYZ(67.9996, 53.8213, 43.5152)
contains.

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Color

**XYZ(61.4905, 50.6009,
43.0853)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4A7
RGB	255, 164, 167
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3568, 0.3451
CMYK	0.00, 0.36, 0.35, 0.00
HSL	358°, 100%, 82%
HSV	358°, 36%, 100%
XYZ	61.4905, 50.6009, 43.0853
YIQ	191.5510, 53.2730, 20.2250

Conversions

Conversions Part 2

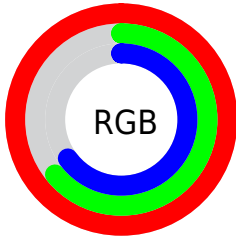
Format	Color
R _Y B	255, 164, 167
Decimal	16753831
CIE Lab	76.44, 34.01, 12.54
CIE LCh	76, 36.246, 20.244
Yxy	50.6009, 0.3963, 0.3261
Android (android.graphics.Color)	4294943911 (0xFFFFA4A7)
YUV	191.5510, -12.1036, 55.6448
Hunter-Lab	71.1343, 29.8154, 13.8827

Details

The XYZ color **61.4905, 50.6009, 43.0853** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.6427, 86.4418, 105.1670**, and the grayscale version is **49.8890, 52.4871, 57.1584**.

A 20% lighter version of the original color is **80.0180, 77.7203, 79.8914**, and **31.5439, 24.3424, 19.2557** is the 20% darker color. If you saturate the color by 10%, you get **55.3094, 41.5459, 30.8295**, and if you desaturate by 10%, it is **69.0238, 61.6643, 57.9375**.

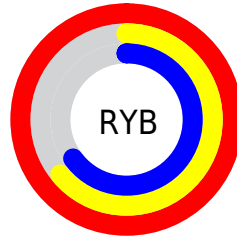
Distribution



Red (100%)

Green (64%)

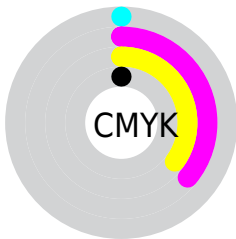
Blue (65%)



Red (100%)

Yellow (64%)

Blue (65%)

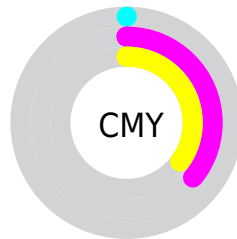


Cyan (0%)

Magenta (36%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.4905, 50.6009, 43.0853 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 61.4905, 50.6009, 43.0853 by changing the saturation by 10% instead.


 61.4905, 50.6009,
43.0853


 61.4905, 50.6009,
43.0853


419.8174,
389.0112, 374.8940

 44.8752, 35.8911,
29.6202

 106.0829, 91.0646,
81.1273

 31.5600, 24.3501,
19.3009


 134.7907,
117.5872, 106.5412

 21.1795, 15.5935,
11.7089


168.2601,
148.8162, 136.7752

 13.3685, 9.2370,
6.4256

206.8563,
185.1361, 172.2477

 7.7615, 4.8961,
3.0326

250.9448,
226.9311, 213.3773

 3.9933, 2.1864,
1.1113

300.8909,

 1.6983, 0.7126,

274.5857, 260.5825

0.0000

357.0600,
328.4843, 314.2819

■ 0.4552, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4905, 50.6009,
43.0853

■ 61.4905, 50.6009,
43.0853

■ 55.3094, 41.5459,
30.8295

■ 69.0238, 61.6643,
57.9375

■ 50.3969, 34.3721,
21.0182

■ 77.9786, 74.8388,
75.5202

■ 46.6660, 28.9494,
13.4886

■ 88.4242, 90.2288,
95.9617

■ 44.0173, 25.1277,
8.0565

95.0500, 100.0000,
108.9000

■ 42.3353, 22.7322,
4.5096

■ 41.4776, 21.5466,
2.5905

■ 41.2860, 21.2784,
2.1721

Harmonies

Analogous

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



62.2249, 50.6009, 61.7142



61.4905, 50.6009, 43.0853



56.9866, 50.6009, 30.9550

Triad

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



61.4905, 50.6009, 43.0853



38.6932, 50.6009, 34.3827



45.9046, 50.6009, 101.0673

Complementary

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



61.4905, 50.6009, 43.0853



68.6427, 86.4418, 105.1670

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.



40.1794, 50.6009, 89.3420



61.4905, 50.6009, 43.0853



36.2839, 50.6009, 48.9683

Square

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



61.4905, 50.6009, 43.0853



43.6944, 50.6009, 26.8173



36.8010, 50.6009, 69.1535



52.7808, 50.6009, 98.4255

Rectangle

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



61.4905, 50.6009, 43.0853



52.6691, 50.6009, 26.7496



36.8010, 50.6009, 69.1535



43.7930, 50.6009, 98.5869

Sweetspot

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



61.4918, 50.6033, 43.0863



82.6814, 81.7652, 84.7310



71.4595, 54.4625, 101.3537



17.3985, 17.0611, 17.5512



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.



61.4918, 50.6033, 43.0863



56.8405, 43.7865, 33.8723



70.1261, 68.3099, 44.6142



18.0336, 17.9968, 18.7941



21.5833, 11.1226, 1.1901



2.1096, 1.0862, 0.1587

Inverse Universe

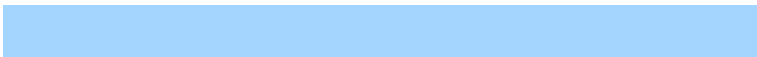
The Inverse Universe completely reimagines the original color for something new.



61.4918, 50.6033, 43.0863



56.8405, 43.7865, 33.8723



57.0390, 62.4688, 103.6592



18.0336, 17.9968, 18.7941



21.5833, 11.1226, 1.1901



2.1096, 1.0862, 0.1587

Previews

White Background



This preview shows how the XYZ color 61.4905, 50.6009, 43.0853 looks on a white background.

Color Contrast Check

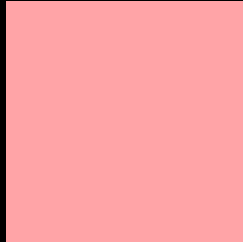
Large Text (above 18pt) WCAG AA × Fail

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 61.4905, 50.6009, 43.0853 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 61.4905, 50.6009, 43.0853

Background



This preview shows how black text looks on a background with the XYZ color 61.4905, 50.6009, 43.0853.



This preview shows how white text looks on a background with the XYZ color 61.4905, 50.6009,

43.0853.

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

61.4905, 50.6009, 43.0853

Protanopia

48.7271, 50.8638, 50.4295

Deuteranopia

51.7477, 50.7352, 42.1874



Tritanopia

62.0751, 50.5495, 47.0428

Trichromacy



Original Color

61.4905, 50.6009, 43.0853



Protanomaly

52.4732, 50.0871, 47.4596



Deuteranomaly

54.7546, 50.1996, 42.4009



Tritanomaly

61.7836, 50.4329, 45.5079

Monochromacy



Original Color

61.4905, 50.6009, 43.0853



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.2995, 51.3219, 51.8967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4905, 50.6009, 43.0853 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, 164, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 167) }
```

Border

The CSS property to change the border of an element to XYZ 61.4905, 50.6009, 43.0853 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, 164, 167) }
```


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

```
.border{ border-color:rgb(255, 164, 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, 164, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4905, 50.6009, 43.0853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 167) }
```

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

```
.background{ background-color: rgb(255,  
164, 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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