

Converting Colors

XYZ(67.2641, 53.0090, 44.3692)

Have a look what the booklet for
XYZ(67.2641, 53.0090, 44.3692)
contains.

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Color

**XYZ(61.3218, 49.9652,
43.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA2A9
RGB	255, 162, 169
RGB Percent	100%, 64%, 66%
CMY	0.0000, 0.3647, 0.3372
CMYK	0.00, 0.36, 0.34, 0.00
HSL	355°, 100%, 82%
HSV	355°, 36%, 100%
XYZ	61.3218, 49.9652, 43.9484
YIQ	190.6050, 53.1810, 21.8930

Conversions

Conversions Part 2

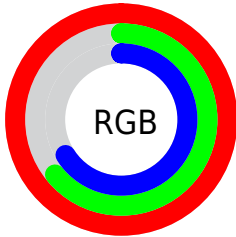
Format	Color
R_{YB}	255, 162, 169
Decimal	16753321
CIE _{Lab}	76.05, 35.29, 10.90
CIE _{LCh}	76, 36.931, 17.162
Yxy	49.9652, 0.3950, 0.3219
Android (android.graphics.Color)	4294943401 (0xFFFFA2A9)
YUV	190.6050, -10.6513, 56.4744
Hunter-Lab	70.6861, 31.1523, 12.6172

Details

The XYZ color **61.3218, 49.9652, 43.9484** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.6057, 85.9797, 101.8438**, and the grayscale version is **49.3319, 51.9010, 56.5201**.

A 20% lighter version of the original color is **79.7659, 76.7846, 81.1378**, and **31.4445, 23.9574, 19.7966** is the 20% darker color. If you saturate the color by 10%, you get **55.2589, 41.0686, 31.9725**, and if you desaturate by 10%, it is **68.6972, 60.8476, 58.3327**.

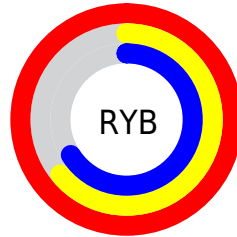
Distribution



Red (100%)

Green (64%)

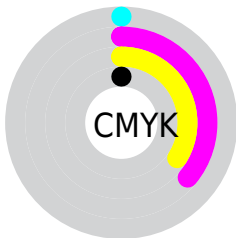
Blue (66%)



Red (100%)

Yellow (64%)

Blue (66%)

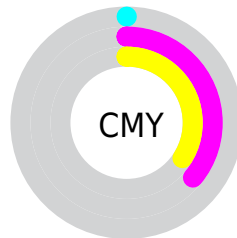


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3218, 49.9652, 43.9484 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 61.3218, 49.9652, 43.9484 by changing the saturation by 10% instead.


 61.3218, 49.9652,
43.9484


 61.3218, 49.9652,
43.9484


419.2100,
386.5298, 378.5329

 44.7384, 35.3857,
30.2930


 105.8402, 90.1233,
82.4417

 31.4519, 23.9602,
19.8072


 134.5060,
116.4708, 108.1168

 21.0967, 15.3041,
12.0723


167.9300,
147.5097, 138.6355

 13.3076, 9.0331,
6.6698

206.4775,
183.6244, 174.4164

 7.7191, 4.7628,
3.1812

250.5139,
225.1994, 215.8781

 3.9660, 2.1087,
1.1879

300.4045,

 1.6829, 0.6695,

272.6191, 263.4390

0.0000

356.5148,
326.2677, 317.5178

■ 0.4456, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3218, 49.9652,
43.9484

■ 61.3218, 49.9652,
43.9484

■ 55.2589, 41.0686,
31.9725

■ 68.6972, 60.8476,
58.3327

■ 50.4279, 34.0314,
22.2704

■ 77.4519, 73.8182,
75.2439

■ 46.7452, 28.7237,
14.6991

■ 87.6528, 88.9807,
94.7964

■ 44.1150, 24.9959,
9.0977

95.0500, 100.0000,
108.9000

■ 42.4262, 22.6731,
5.2828

■ 41.5415, 21.5370,
3.0357

■ 41.3591, 21.3076,
2.5571

Harmonies

Analogous

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



61.6294, 49.9652, 63.2862



61.3218, 49.9652, 43.9484



57.0900, 49.9652, 31.0355

Triad

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



61.3218, 49.9652, 43.9484



38.4146, 49.9652, 32.4504



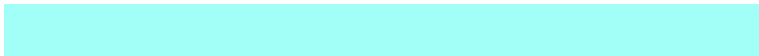
44.6044, 49.9652, 100.4716

Complementary

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



61.3218, 49.9652, 43.9484



67.6057, 85.9797, 101.8438

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.



39.0322, 49.9652, 87.2764



61.3218, 49.9652, 43.9484



35.6983, 49.9652, 46.3936

Square

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



61.3218, 49.9652, 43.9484



43.6837, 49.9652, 25.5853



35.9129, 49.9652, 66.3979



51.5121, 49.9652, 99.3591

Rectangle

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



61.3218, 49.9652, 43.9484



52.8257, 49.9652, 26.3710



35.9129, 49.9652, 66.3979



42.5270, 49.9652, 97.4498

Sweetspot

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



61.3230, 49.9676, 43.9494



82.8466, 81.8313, 85.6011



69.4177, 52.8827, 101.1564



17.4375, 17.0767, 17.7565



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.



61.3230, 49.9676, 43.9494



56.6378, 43.0871, 34.7117



68.5915, 65.5275, 43.2184



18.0648, 18.0092, 18.9584



21.6307, 11.1416, 1.4398



2.1244, 1.0921, 0.2365

Inverse Universe

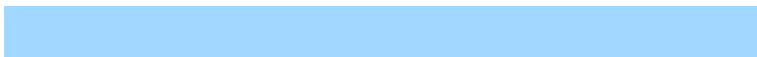
The Inverse Universe completely reimagines the original color for something new.



61.3230, 49.9676, 43.9494



56.6378, 43.0871, 34.7117



57.5723, 64.1434, 103.9543



18.0648, 18.0092, 18.9584



21.6307, 11.1416, 1.4398



2.1244, 1.0921, 0.2365

Previews

White Background



This preview shows how the XYZ color 61.3218, 49.9652, 43.9484 looks on a white background.

Color Contrast Check

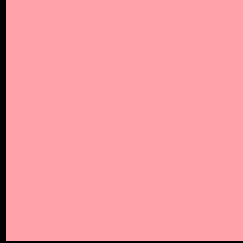
Large Text (above 18pt) WCAG AA × Fail

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 61.3218, 49.9652, 43.9484 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 61.3218, 49.9652, 43.9484

Background



This preview shows how black text looks on a background with the XYZ color 61.3218, 49.9652, 43.9484.



This preview shows how white text looks on a background with the XYZ color 61.3218, 49.9652,

43.9484.

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

61.3218, 49.9652, 43.9484

Protanopia

48.0558, 50.1660, 51.9499

Deuteranopia

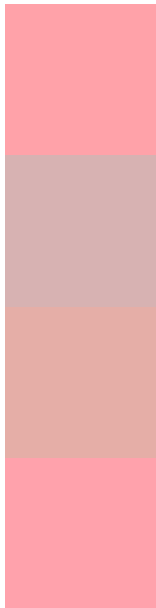
51.1384, 50.0971, 43.0508



Tritanopia

61.8003, 50.1567, 46.4684

Trichromacy



Original Color

61.3218, 49.9652, 43.9484

Protanomaly

51.9806, 49.5022, 48.9347

Deuteranomaly

54.4242, 49.7201, 43.2877

Tritanomaly

61.6067, 50.0792, 45.4490

Monochromacy



Original Color

61.3218, 49.9652, 43.9484

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.6001, 50.3576, 51.7474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3218, 49.9652, 43.9484 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, 162, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 169)  
}
```

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, 162, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.3218, 49.9652, 43.9484 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, 162, 169) }
```


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

```
.border{ border-color:rgb(255, 162, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 162, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3218, 49.9652, 43.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 169) }
```

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

```
.background{ background-color: rgb(255,  
162, 169) }
```

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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