

# Converting Colors

XYZ(62.4077, 52.1662, 44.2208)

Have a look what the booklet for XYZ(62.4077, 52.1662, 44.2208) contains.

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# Color

**XYZ(62.4041, 52.1298,  
44.3091)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA8A9
RGB	255, 168, 169
RGB Percent	100%, 66%, 66%
CMY	0.0000, 0.3412, 0.3373
CMYK	0.00, 0.34, 0.34, 0.00
HSL	359°, 100%, 83%
HSV	359°, 34%, 100%
XYZ	62.4041, 52.1298, 44.3091
YIQ	194.1270, 51.5310, 18.7550

# Conversions

## Conversions Part 2

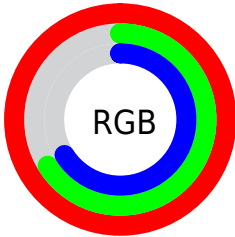
Format	Color
R <sub>Y</sub> B	255, 168, 169
Decimal	16754857
CIE Lab	77.36, 32.16, 12.75
CIE LCh	77, 34.601, 21.629
Yxy	52.1298, 0.3929, 0.3282
Android (android.graphics.Color)	4294944937 (0xFFFFA8A9)
YUV	194.1270, -12.3876, 53.3856
Hunter-Lab	72.2010, 27.9278, 14.1549

# Details

The XYZ color **62.4041, 52.1298, 44.3091** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.8001, 87.0016, 106.8845**, and the grayscale version is **51.4042, 54.0812, 58.8944**.

A 20% lighter version of the original color is **81.3502, 79.9531, 81.6659**, and **32.1066, 25.2816, 20.0173** is the 20% darker color. If you saturate the color by 10%, you get **56.0067, 42.7643, 31.6051**, and if you desaturate by 10%, it is **70.1833, 63.5287, 59.7257**.

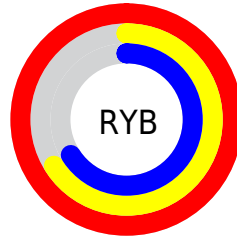
# Distribution



Red (100%)

Green (66%)

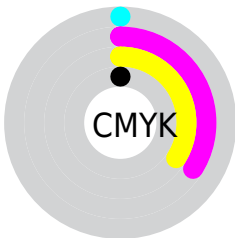
Blue (66%)



Red (100%)

Yellow (66%)

Blue (66%)

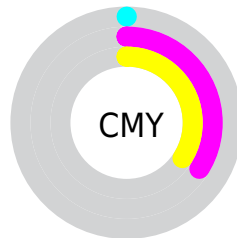


Cyan (0%)

Magenta (34%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4041, 52.1298, 44.3091 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 62.4041, 52.1298, 44.3091 by changing the saturation by 10% instead.





 62.4041, 52.1298,  
44.3091


 62.4041, 52.1298,  
44.3091


423.0977,  
394.9375, 380.0464

 45.6161, 37.1085,  
30.5746


 107.3960, 93.3226,  
82.9901

 32.1464, 25.2915,  
20.0194


 136.3307,  
120.2630, 108.7737

 21.6294, 16.2944,  
12.2249


170.0449,  
151.9452, 139.4107

 13.6999, 9.7327,  
6.7727

208.9041,  
188.7536, 175.3197

 7.9926, 5.2221,  
3.2440

253.2737,  
231.0727, 216.9192

 4.1419, 2.3782,  
1.2206

303.5189,

 1.7828, 0.8146,

279.2868, 264.6278

0.0000

360.0051,  
333.7802, 318.8640

■ 0.5072, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.4041, 52.1298,  
44.3091

■ 62.4041, 52.1298,  
44.3091

■ 56.0067, 42.7643,  
31.6051

■ 70.1833, 63.5287,  
59.7257

■ 50.9069, 35.3060,  
21.4538

■ 79.4145, 77.0629,  
77.9958

■ 47.0170, 29.6260,  
13.6838

■ 90.1677, 92.8363,  
99.2544

■ 44.2371, 25.5766,  
8.1009

95.0500, 100.0000,  
108.9000

■ 42.4513, 22.9861,  
4.4809

■ 41.5181, 21.6447,  
2.5512

■ 41.2560, 21.2664,  
2.0141

# Harmonies

## Analogous

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



63.2991, 52.1298, 62.2580



62.4041, 52.1298, 44.3091



57.9128, 52.1298, 32.6272

# Triad

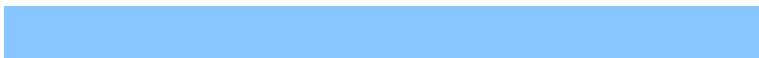
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4041, 52.1298, 44.3091



40.1876, 52.1298, 36.9354



47.7103, 52.1298, 101.2228

# Complementary

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



62.4041, 52.1298, 44.3091



69.8001, 87.0016, 106.8845

# 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.



42.0298, 52.1298, 90.5670



62.4041, 52.1298, 44.3091



37.9480, 52.1298, 51.5965

# Square

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



62.4041, 52.1298, 44.3091



44.9845, 52.1298, 29.0800



38.5909, 52.1298, 71.3500



54.4098, 52.1298, 98.0402



# Rectangle

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



62.4041, 52.1298, 44.3091



53.6862, 52.1298, 28.6267



38.5909, 52.1298, 71.3500



45.6277, 52.1298, 99.0684

# Sweetspot

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



62.4054, 52.1323, 44.3101



83.6515, 83.2772, 86.3747



72.7624, 56.2137, 101.6231



17.5889, 17.3613, 17.8629



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.



62.4054, 52.1323, 44.3101



57.8568, 45.4720, 35.2814



71.3682, 70.2069, 46.8387



18.0178, 17.9904, 18.7111



21.5608, 11.1136, 1.0716



2.1021, 1.0832, 0.1192



# Inverse Universe

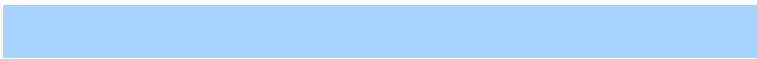
The Inverse Universe completely reimagines the original color for something new.



62.4054, 52.1323, 44.3101



57.8568, 45.4720, 35.2814



57.9823, 63.1105, 103.7333



18.0178, 17.9904, 18.7111



21.5608, 11.1136, 1.0716



2.1021, 1.0832, 0.1192



# Previews

## White Background



This preview shows how the XYZ color 62.4041, 52.1298, 44.3091 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

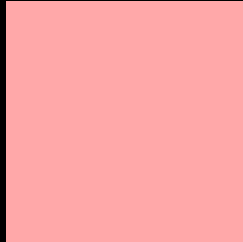
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.4041, 52.1298, 44.3091 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

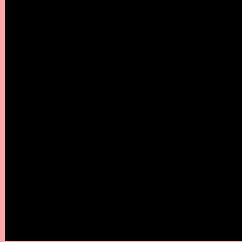
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 62.4041, 52.1298, 44.3091

## Background



This preview shows how black text looks on a background with the XYZ color 62.4041, 52.1298, 44.3091.



This preview shows how white text looks on a background with the XYZ color 62.4041, 52.1298,



# 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

62.4041, 52.1298, 44.3091

### Protanopia

49.9972, 52.4681, 51.2083

### Deuteranopia

53.2368, 52.0942, 43.3257



## Tritanopia

63.1954, 52.1521, 49.3834

# Trichromacy



## Original Color

62.4041, 52.1298, 44.3091



## Protanomaly

53.7827, 51.9467, 48.7870



## Deuteranomaly

56.1742, 51.7866, 43.5943



## Tritanomaly

62.7966, 51.9926, 47.2833

# Monochromacy



## Original Color

62.4041, 52.1298, 44.3091



## Achromatopsia

51.2775, 53.9479, 58.7493



## Achromatomaly

54.4248, 52.7996, 53.2218

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.4041, 52.1298, 44.3091 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, 168, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 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, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 169) }
```

## Border

The CSS property to change the border of an element to XYZ 62.4041, 52.1298, 44.3091 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, 168, 169) }
```



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

```
.border{ border-color:rgb(255, 168, 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, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
169) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.4041, 52.1298, 44.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 169) }
```

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

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