

# Converting Colors

XYZ(62.7477, 52.7568, 45.3011)

Have a look what the booklet for  
XYZ(62.7477, 52.7568, 45.3011)  
contains.

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# Color

**XYZ(62.9654, 52.9497,  
45.4298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAAAB
RGB	255, 170, 171
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3333, 0.3294
CMYK	0.00, 0.33, 0.33, 0.00
HSL	359°, 100%, 83%
HSV	359°, 33%, 100%
XYZ	62.9654, 52.9497, 45.4298
YIQ	195.5290, 50.3390, 18.3310

# Conversions

## Conversions Part 2

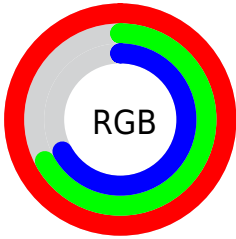
Format	Color
R <sub>Y</sub> B	255, 170, 171
Decimal	16755371
CIE Lab	77.85, 31.37, 12.35
CIE LCh	78, 33.711, 21.499
Yxy	52.9497, 0.3903, 0.3282
Android (android.graphics.Color)	4294945451 (0xFFFFAAAB)
YUV	195.5290, -12.0928, 52.1561
Hunter-Lab	72.7665, 27.1158, 13.9205

# Details

The XYZ color **62.9654, 52.9497, 45.4298** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.2292, 87.2229, 106.9045**, and the grayscale version is **52.2376, 54.9580, 59.8492**.

A 20% lighter version of the original color is **82.1638, 81.1437, 83.2833**, and **32.4560, 25.7903, 20.7202** is the 20% darker color. If you saturate the color by 10%, you get **56.4629, 43.4294, 32.5193**, and if you desaturate by 10%, it is **70.8557, 64.5124, 61.0633**.

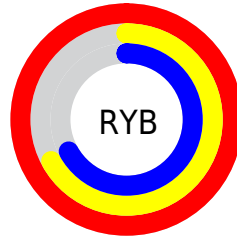
# Distribution



Red (100%)

Green (67%)

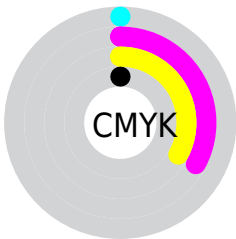
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

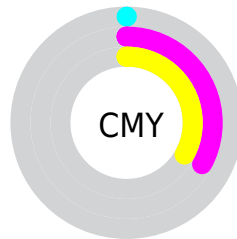


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9654, 52.9497, 45.4298 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 62.9654, 52.9497, 45.4298 by changing the saturation by 10% instead.





 62.9654, 52.9497,  
45.4298

 62.9654, 52.9497,  
45.4298

425.1056,  
398.0921, 384.7223

 46.0718, 37.7626,  
31.4507


 108.2017, 94.5303,  
84.6903

 32.5073, 25.7985,  
20.6809


137.2750,  
121.6927, 110.8087

 21.9067, 16.6730,  
12.7020


171.1390,  
153.6156, 141.8107

 13.9046, 10.0016,  
7.0954

210.1590,  
190.6834, 178.1147

 8.1356, 5.4000,  
3.4425

254.7002,  
233.2806, 220.1393

 4.2344, 2.4838,  
1.3248

305.1282,

 1.8356, 0.8685,

281.7915, 268.3031

0.0820

361.8082,  
336.6006, 323.0246

■ 0.5390, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.9654, 52.9497,  
45.4298

■ 62.9654, 52.9497,  
45.4298

■ 56.4629, 43.4294,  
32.5193

■ 70.8557, 64.5124,  
61.0633

■ 51.2642, 35.8258,  
22.1734

■ 80.2033, 78.2184,  
79.5600

■ 47.2826, 30.0114,  
14.2220

■ 91.0778, 94.1712,  
101.0538

■ 44.4192, 25.8397,  
8.4731

95.0500, 100.0000,  
108.9000

■ 42.5596, 23.1415,  
4.7056

■ 41.5650, 21.7109,  
2.6521

■ 41.2564, 21.2665,  
2.0161

# Harmonies

## Analogous

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



63.8252, 52.9497, 63.1463



62.9654, 52.9497, 45.4298



58.5735, 52.9497, 33.8005

# Triad

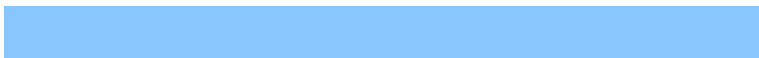
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.9654, 52.9497, 45.4298



41.1084, 52.9497, 38.0039



48.4898, 52.9497, 101.1406

# Complementary

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



62.9654, 52.9497, 45.4298



70.2292, 87.2229, 106.9045

# 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.



42.8934, 52.9497, 90.7022



62.9654, 52.9497, 45.4298



38.8804, 52.9497, 52.4883

# Square

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



62.9654, 52.9497, 45.4298



45.8553, 52.9497, 30.2045



39.5043, 52.9497, 71.8933



55.0806, 52.9497, 98.1008



# Rectangle

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



62.9654, 52.9497, 45.4298



54.4264, 52.9497, 29.7875



39.5043, 52.9497, 71.8933



46.4390, 52.9497, 99.0224

# Sweetspot

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



62.9668, 52.9522, 45.4308



83.6525, 83.2776, 86.3798



73.1467, 56.9642, 101.7477



17.5891, 17.3614, 17.8642



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.



62.9668, 52.9522, 45.4308



58.4801, 46.3820, 36.5270



71.8121, 70.7942, 47.9132



18.0180, 17.9905, 18.7121



21.5611, 11.1137, 1.0730



2.1022, 1.0833, 0.1197



# Inverse Universe

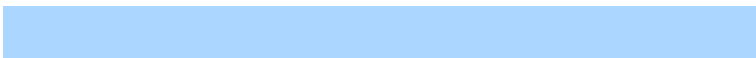
The Inverse Universe completely reimagines the original color for something new.



62.9668, 52.9522, 45.4308



58.4801, 46.3820, 36.5270



58.6553, 63.8193, 103.8346



18.0180, 17.9905, 18.7121



21.5611, 11.1137, 1.0730



2.1022, 1.0833, 0.1197



# Previews

## White Background



This preview shows how the XYZ color 62.9654, 52.9497, 45.4298 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 62.9654, 52.9497, 45.4298 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

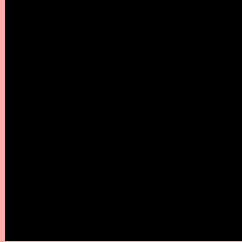
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 62.9654, 52.9497, 45.4298**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.9654, 52.9497, 45.4298.



This preview shows how white text looks on a background with the XYZ color 62.9654, 52.9497,

45.4298.

# 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

62.9654, 52.9497, 45.4298

### Protanopia

50.9501, 53.2603, 52.3947

### Deuteranopia

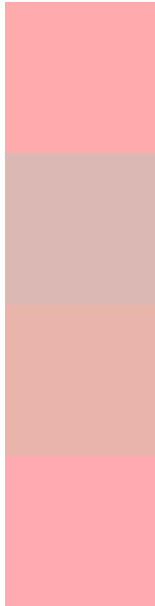
54.1420, 53.1606, 44.4532



## Tritanopia

63.7685, 52.9721, 50.5797

# Trichromacy



## Original Color

62.9654, 52.9497, 45.4298

## Protanomaly

54.4906, 52.5957, 49.9279

## Deuteranomaly

57.0870, 52.8307, 44.7247

## Tritanomaly

63.3638, 52.8103, 48.4487

# Monochromacy



## Original Color

62.9654, 52.9497, 45.4298

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

55.3552, 53.8802, 54.4961

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.9654, 52.9497, 45.4298 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, 170, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 171)  
}
```

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, 170, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 62.9654, 52.9497, 45.4298 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, 170, 171) }
```



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

```
.border{ border-color:rgb(255, 170, 171) }
```

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

Here you see how a box with a 4 pixel rgb(255, 170, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.9654, 52.9497, 45.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 171) }
```

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

```
.background{ background-color: rgb(255,  
170, 171) }
```

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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