

# Converting Colors

XYZ(74.0905, 59.1959, 41.3193)

Have a look what the booklet for  
XYZ(74.0905, 59.1959, 41.3193)  
contains.

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# Color

**XYZ(62.2359, 52.9590,  
40.6601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFABA1
RGB	255, 171, 161
RGB Percent	100%, 67%, 63%
CMY	0.0000, 0.3294, 0.3686
CMYK	0.00, 0.33, 0.37, 0.00
HSL	6°, 100%, 82%
HSV	6°, 37%, 100%
XYZ	62.2359, 52.9590, 40.6601
YIQ	194.9760, 53.2740, 14.6980

# Conversions

## Conversions Part 2

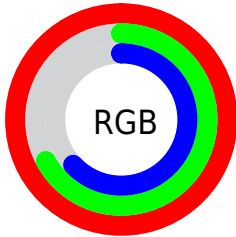
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 172, 161
Decimal	16755617
CIE Lab	77.85, 29.65, 17.79
CIE LCh	78, 34.578, 30.960
Yxy	52.9590, 0.3993, 0.3398
Android (android.graphics.Color)	4294945697 (0xFFFFABA1)
YUV	194.9760, -16.7502, 52.6410
Hunter-Lab	72.7729, 25.3018, 17.8142

# Details

The XYZ color **62.2359, 52.9590, 40.6601** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3990, 80.0987, 106.6214**, and the grayscale version is **51.9331, 54.6377, 59.5004**.

A 20% lighter version of the original color is **81.1038, 81.1560, 76.3558**, and **32.0037, 25.7968, 17.7605** is the 20% darker color. If you saturate the color by 10%, you get **56.2731, 44.2726, 28.6867**, and if you desaturate by 10%, it is **69.4019, 63.3177, 55.2979**.

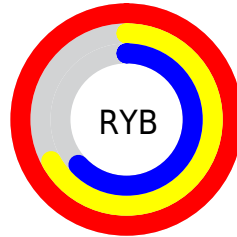
# Distribution



Red (100%)

Green (67%)

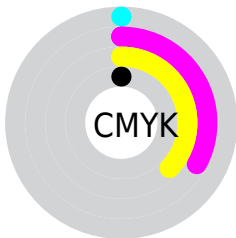
Blue (63%)



Red (100%)

Yellow (67%)

Blue (63%)

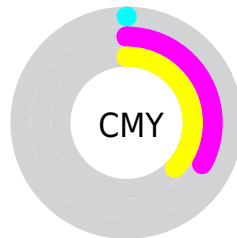


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.2359, 52.9590, 40.6601 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 62.2359, 52.9590, 40.6601 by changing the saturation by 10% instead.




 62.2359, 52.9590,  
40.6601

 62.2359, 52.9590,  
40.6601


422.4949,  
398.1278, 364.5325

 45.4797, 37.7700,  
27.7359


 107.1544, 94.5440,  
77.4157

 32.0383, 25.8043,  
17.8894


 136.0474,  
121.7089, 102.0842

 21.5464, 16.6773,  
10.7020


169.7167,  
153.6345, 131.5045

 13.6387, 10.0047,  
5.7552

208.5276,  
190.7053, 166.0952

 7.9499, 5.4020,  
2.6304

252.8455,  
233.3056, 206.2748

 4.1144, 2.4850,  
0.9081

303.0358,

 1.7671, 0.8691,

281.8199, 252.4618

0.0000

359.4638,  
336.6325, 305.0749

■ 0.4977, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.2359, 52.9590,  
40.6601

■ 62.2359, 52.9590,  
40.6601

■ 56.2731, 44.2726,  
28.6867

■ 69.4019, 63.3177,  
55.2979

■ 51.4434, 37.1635,  
19.2141

■ 77.8280, 75.4220,  
72.7441

■ 47.6754, 31.5389,  
12.0657

■ 87.5725, 89.3500,  
93.1360

■ 44.8881, 27.2932,  
7.0401

95.0500, 100.0000,  
108.9000

■ 42.9886, 24.3066,  
3.9018

■ 41.8642, 22.4384,  
2.3543

■ 41.6352, 22.0504,  
2.0617

# Harmonies

## Analogous

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



64.3764, 52.9590, 57.0462



62.2359, 52.9590, 40.6601



56.8652, 52.9590, 31.0060

# Triad

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



62.2359, 52.9590, 40.6601



39.8732, 52.9590, 41.5158



50.5525, 52.9590, 103.0851

# Complementary

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



62.2359, 52.9590, 40.6601



65.3990, 80.0987, 106.6214

# 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.



44.3266, 52.9590, 96.3971



62.2359, 52.9590, 40.6601



38.5015, 52.9590, 58.2849

# Square

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



62.2359, 52.9590, 40.6601



43.9834, 52.9590, 31.4173



40.0587, 52.9590, 78.8478



57.2725, 52.9590, 95.5274



# Rectangle

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



62.2359, 52.9590, 40.6601



52.3914, 52.9590, 28.3181



40.0587, 52.9590, 78.8478



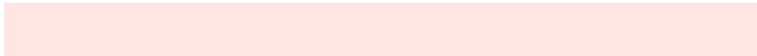
48.3349, 52.9590, 102.4178

# Sweetspot

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



62.2373, 52.9616, 40.6611



83.3771, 83.3611, 84.3327



70.5583, 53.3795, 93.4517



17.5627, 17.4376, 17.4574



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.



62.2373, 52.9616, 40.6611



57.8614, 46.5943, 31.8512



72.5893, 73.6657, 44.1118



18.1649, 18.2981, 18.7188



21.8053, 11.6218, 1.0940



2.1718, 1.2289, 0.1227



# Inverse Universe

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



65.3990, 80.0987, 106.6214



61.4108, 77.1773, 106.2678



53.0799, 55.4605, 102.5150



18.3800, 20.1316, 23.1670



23.9742, 32.8580, 54.5132



2.3797, 3.2901, 5.3229



# Previews

## White Background



This preview shows how the XYZ color 62.2359, 52.9590, 40.6601 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

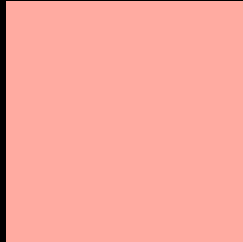
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.2359, 52.9590, 40.6601 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

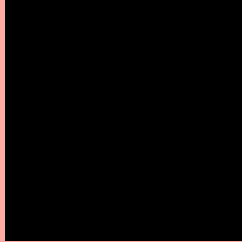
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.2359, 52.9590, 40.6601

## Background



This preview shows how black text looks on a background with the XYZ color 62.2359, 52.9590, 40.6601.



This preview shows how white text looks on a background with the XYZ color 62.2359, 52.9590,



# 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

62.2359, 52.9590, 40.6601

### Protanopia

50.3834, 53.0953, 46.6227

### Deuteranopia

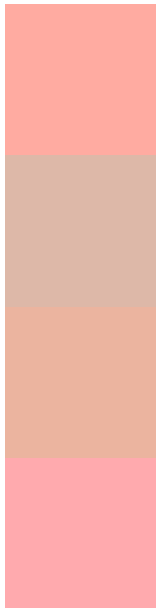
53.9519, 52.8545, 39.7061



## Tritanopia

63.7685, 52.9721, 50.5797

# Trichromacy



## Original Color

62.2359, 52.9590, 40.6601

## Protanomaly

54.0272, 52.4803, 44.3280

## Deuteranomaly

56.8402, 52.8079, 39.9980

## Tritanomaly

63.2547, 53.0654, 46.9532

# Monochromacy



## Original Color

62.2359, 52.9590, 40.6601

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

54.7214, 53.2884, 52.2013

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.2359, 52.9590, 40.6601 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, 171, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 161)  
}
```

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, 171, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 62.2359, 52.9590, 40.6601 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, 171, 161) }
```



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

```
.border{ border-color:rgb(255, 171, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.2359, 52.9590, 40.6601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 161) }
```

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

```
.background{ background-color: rgb(255,  
171, 161) }
```

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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