

# Converting Colors

XYZ(62.5355, 51.5235, 47.0325)

Have a look what the booklet for  
XYZ(62.5355, 51.5235, 47.0325)  
contains.

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# Color

**XYZ(62.6141, 51.6276,  
47.2224)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA6AF
RGB	255, 166, 175
RGB Percent	100%, 65%, 69%
CMY	0.0000, 0.3490, 0.3137
CMYK	0.00, 0.35, 0.31, 0.00
HSL	354°, 100%, 83%
HSV	354°, 35%, 100%
XYZ	62.6141, 51.6276, 47.2224
YIQ	193.6370, 50.1550, 21.6670

# Conversions

## Conversions Part 2

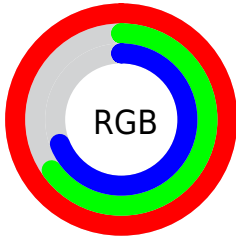
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 166, 175
Decimal	16754351
CIE Lab	77.06, 33.95, 9.06
CIE LCh	77, 35.135, 14.936
Yxy	51.6276, 0.3878, 0.3197
Android (android.graphics.Color)	4294944431 (0xFFFFA6AF)
YUV	193.6370, -9.1880, 53.8154
Hunter-Lab	71.8523, 29.8082, 11.3304

# Details

The XYZ color **62.6141, 51.6276, 47.2224** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.1227, 86.2819, 100.2569**, and the grayscale version is **51.0967, 53.7577, 58.5422**.

A 20% lighter version of the original color is **81.6442, 79.2157, 85.8500**, and **32.2452, 24.9761, 21.8602** is the 20% darker color. If you saturate the color by 10%, you get **56.3662, 42.4341, 34.9592**, and if you desaturate by 10%, it is **70.1657, 62.8167, 61.8067**.

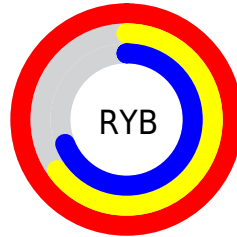
# Distribution



Red (100%)

Green (65%)

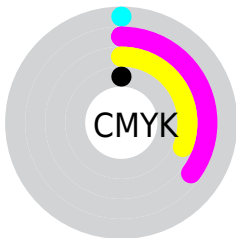
Blue (69%)



Red (100%)

Yellow (65%)

Blue (69%)

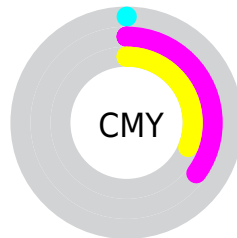


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (35%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6141, 51.6276, 47.2224 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 62.6141, 51.6276, 47.2224 by changing the saturation by 10% instead.





 62.6141, 51.6276,  
47.2224


 62.6141, 51.6276,  
47.2224


423.8496,  
392.9972, 392.1210

 45.7866, 36.7083,  
32.8559

 107.6975, 92.5818,  
87.3990

 32.2813, 24.9817,  
21.7459


 136.6841,  
119.3855, 114.0461

 21.7331, 16.0635,  
13.4738


170.4545,  
150.9195, 145.6239

 13.7764, 9.5691,  
7.6210

209.3739,  
187.5681, 182.5508

 8.0460, 5.1142,  
3.7692

253.8078,  
229.7158, 225.2454

 4.1764, 2.3144,  
1.4996

304.1214,

 1.8024, 0.7813,

277.7470, 274.1263

0.2176

360.6802,  
332.0460, 329.6120

■ 0.5191, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.6141, 51.6276,  
47.2224

■ 62.6141, 51.6276,  
47.2224

■ 56.3662, 42.4341,  
34.9592

■ 70.1657, 62.8167,  
61.8067

■ 51.3443, 35.1121,  
24.8943

■ 79.0853, 76.1014,  
78.8203

■ 47.4683, 29.5348,  
16.8982

■ 89.4373, 91.5839,  
98.3681

■ 44.6471, 25.5569,  
10.8263

95.0500, 100.0000,  
108.9000

■ 42.7753, 23.0092,  
6.5156

■ 41.7253, 21.6845,  
3.7751

■ 41.4239, 21.3336,  
2.8985

# Harmonies

## Analogous

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



62.6053, 51.6276, 66.3685



62.6141, 51.6276, 47.2224



58.7766, 51.6276, 33.9558

# Triad

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



62.6141, 51.6276, 47.2224



40.5144, 51.6276, 33.9141



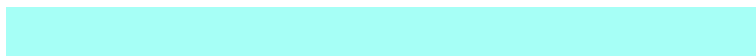
45.7948, 51.6276, 99.9476

# Complementary

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



62.6141, 51.6276, 47.2224



68.1227, 86.2819, 100.2569

# 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.



40.4965, 51.6276, 86.5408



62.6141, 51.6276, 47.2224



37.6421, 51.6276, 47.1514

# Square

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



62.6141, 51.6276, 47.2224



45.8214, 51.6276, 27.5486



37.6359, 51.6276, 66.2794



52.4696, 51.6276, 99.9789



# Rectangle

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



62.6141, 51.6276, 47.2224



54.7384, 51.6276, 28.9580



37.6359, 51.6276, 66.2794



43.8080, 51.6276, 96.7412

# Sweetspot

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



62.6154, 51.6300, 47.2234



83.9743, 83.4063, 88.0746



69.2103, 53.8386, 101.3518



17.6662, 17.3922, 18.2699



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.



62.6154, 51.6300, 47.2234



58.0483, 44.9021, 38.2832



68.8058, 65.3779, 45.0723



18.0840, 18.0169, 19.0593



21.6692, 11.1570, 1.6424



2.1334, 1.0957, 0.2841



# Inverse Universe

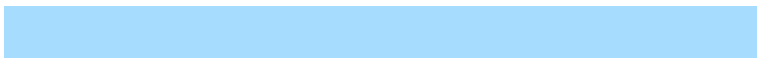
The Inverse Universe completely reimagines the original color for something new.



62.6154, 51.6300, 47.2234



58.0483, 44.9021, 38.2832



59.6036, 66.9804, 104.3948



18.0840, 18.0169, 19.0593



21.6692, 11.1570, 1.6424



2.1334, 1.0957, 0.2841



# Previews

## White Background



This preview shows how the XYZ color 62.6141, 51.6276, 47.2224 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

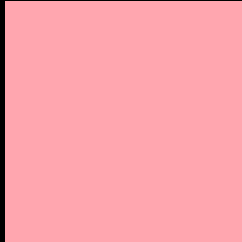
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.6141, 51.6276, 47.2224 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 62.6141, 51.6276, 47.2224

## Background



This preview shows how black text looks on a background with the XYZ color 62.6141, 51.6276, 47.2224.



This preview shows how white text looks on a background with the XYZ color 62.6141, 51.6276,

47.2224.

# 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

62.6141, 51.6276, 47.2224

### Protanopia

49.9962, 52.0599, 54.9904

### Deuteranopia

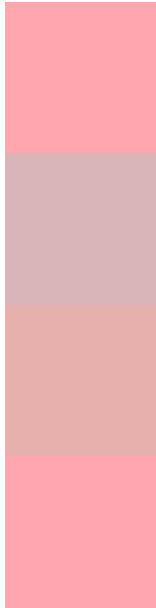
52.9058, 51.8585, 46.2510



## Tritanopia

62.9121, 51.7468, 48.7918

# Trichromacy



## Original Color

62.6141, 51.6276, 47.2224

## Protanomaly

53.6864, 51.2184, 51.8563

## Deuteranomaly

55.8981, 51.2844, 46.4879

## Tritanomaly

62.8120, 51.7068, 48.2648

# Monochromacy



## Original Color

62.6141, 51.6276, 47.2224

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

54.4290, 52.4678, 54.2723

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.6141, 51.6276, 47.2224 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, 166, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 175)  
}
```

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, 166, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 175) }
```

## Border

The CSS property to change the border of an element to XYZ 62.6141, 51.6276, 47.2224 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, 166, 175) }
```



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

```
.border{ border-color:rgb(255, 166, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
175) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.6141, 51.6276, 47.2224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 175) }
```

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

```
.background{ background-color: rgb(255,  
166, 175) }
```

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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