

# Converting Colors

XYZ(62.4907, 54.0945, 47.8222)

Have a look what the booklet for  
XYZ(62.4907, 54.0945, 47.8222)  
contains.

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# Color

**XYZ(62.4922, 54.0791,  
47.7021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAAFAF
RGB	250, 175, 175
RGB Percent	98%, 69%, 69%
CMY	0.0196, 0.3137, 0.3137
CMYK	0.00, 0.30, 0.30, 0.02
HSL	0°, 88%, 83%
HSV	0°, 30%, 98%
XYZ	62.4922, 54.0791, 47.7021
YIQ	197.4250, 44.7000, 15.9000

# Conversions

## Conversions Part 2

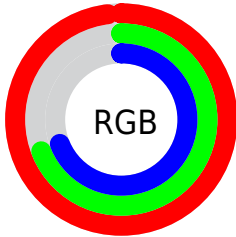
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 175, 175
Decimal	16428975
CIE <sub>Lab</sub>	78.51, 27.41, 11.05
CIE <sub>LCh</sub>	79, 29.556, 21.944
Yxy	54.0791, 0.3804, 0.3292
Android (android.graphics.Color)	4294619055 (0xFFFAAF AF)
YUV	197.4250, -11.0555, 46.1083
Hunter-Lab	73.5385, 22.9950, 13.0174

# Details

The XYZ color **62.4922, 54.0791, 47.7021** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.1190, 84.3845, 103.0876**, and the grayscale version is **53.3750, 56.1546, 61.1524**.

A 20% lighter version of the original color is **84.0988, 84.1250, 86.6682**, and **32.2729, 26.5556, 22.1637** is the 20% darker color. If you saturate the color by 10%, you get **55.8372, 44.3413, 34.4705**, and if you desaturate by 10%, it is **70.5053, 65.8050, 63.6300**.

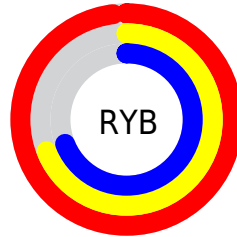
# Distribution



Red (98%)

Green (69%)

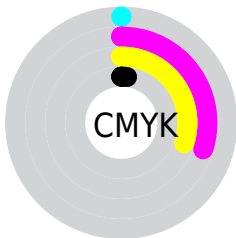
Blue (69%)



Red (98%)

Yellow (69%)

Blue (69%)

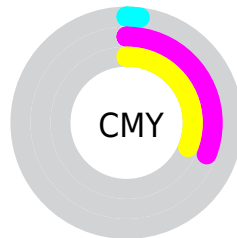


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4922, 54.0791, 47.7021 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 62.4922, 54.0791, 47.7021 by changing the saturation by 10% instead.





 62.4922, 54.0791,  
47.7021

 62.4922, 54.0791,  
47.7021


423.4132,  
402.4116, 394.0847

 45.6876, 38.6649,  
33.2327


 107.5225, 96.1904,  
88.1216

 32.2030, 26.4991,  
22.0322


136.4790,  
123.6562, 114.9088

 21.6729, 17.1974,  
13.6820


170.2168,  
155.9081, 146.6391

 13.7320, 10.3754,  
7.7636

209.1012,  
193.3304, 183.7309

 8.0149, 5.6485,  
3.8585

253.4978,  
236.3075, 226.6028

 4.1564, 2.6326,  
1.5480

303.7717,

 1.7910, 0.9431,

285.2238, 275.6734

0.2533

360.2884,  
340.4637, 331.3612

■ 0.5122, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.4922, 54.0791,  
47.7021

■ 62.4922, 54.0791,  
47.7021

■ 55.8372, 44.3413,  
34.4705

■ 70.5053, 65.8050,  
63.6300

■ 50.4610, 36.4744,  
23.7832

■ 79.9413, 79.6125,  
82.3886

■ 46.2830, 30.3607,  
15.4777

■ 90.8660, 95.5984,  
104.1069

■ 43.2114, 25.8660,  
9.3720

■ 93.2344, 99.0640,  
108.8150

■ 41.1414, 22.8368,  
5.2573

■ 39.9479, 21.0902,  
2.8851

■ 39.4246, 20.3244,  
1.8451

■ 39.4246, 20.3244,  
1.8451

# Harmonies

## Analogous

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



63.2932, 54.0791, 63.4884



62.4922, 54.0791, 47.7021



58.6103, 54.0791, 37.0847

# Triad

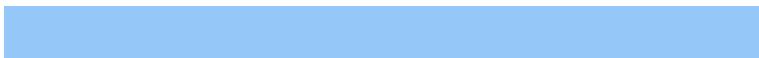
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.4922, 54.0791, 47.7021



43.0846, 54.0791, 41.2574



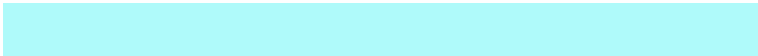
49.8485, 54.0791, 96.6479

# Complementary

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



62.4922, 54.0791, 47.7021



69.1190, 84.3845, 103.0876

# 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.



44.8077, 54.0791, 87.8883



62.4922, 54.0791, 47.7021



41.0996, 54.0791, 54.5058

# Square

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



62.4922, 54.0791, 47.7021



47.3319, 54.0791, 33.8823



41.7057, 54.0791, 71.6871



55.6960, 54.0791, 93.8844



# Rectangle

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



62.4922, 54.0791, 47.7021



54.9468, 54.0791, 33.3705



41.7057, 54.0791, 71.6871



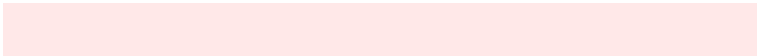
48.0102, 54.0791, 94.9028

# Sweetspot

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



62.4936, 54.0817, 47.7032



84.6837, 84.8313, 88.2919



72.0100, 57.8867, 97.8206



17.7929, 17.6702, 18.2363



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.



62.4936, 54.0817, 47.7032



61.0026, 50.1792, 41.2147



70.8313, 70.7570, 50.4824



17.2448, 17.2254, 17.8783



20.9121, 10.7808, 0.9787

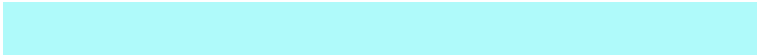


1.9368, 0.9985, 0.0907



# Inverse Universe

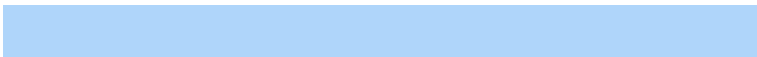
The Inverse Universe completely reimagines the original color for something new.



69.1190, 84.3845, 103.0876



68.9533, 86.5438, 107.6781



58.6037, 63.3540, 99.5825



17.7658, 19.6084, 22.2337



27.2832, 39.9220, 54.2413

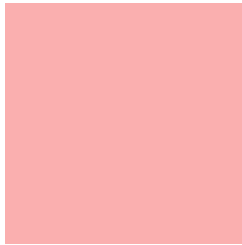


2.5269, 3.6975, 5.0237



# Previews

## White Background



This preview shows how the XYZ color 62.4922, 54.0791, 47.7021 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

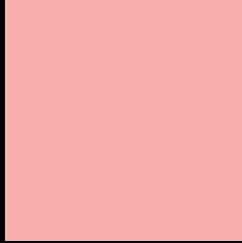
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.4922, 54.0791, 47.7021 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 62.4922, 54.0791, 47.7021**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.4922, 54.0791, 47.7021.



This preview shows how white text looks on a background with the XYZ color 62.4922, 54.0791,



# 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

62.4922, 54.0791, 47.7021

### Protanopia

51.8682, 54.3657, 53.6588

### Deuteranopia

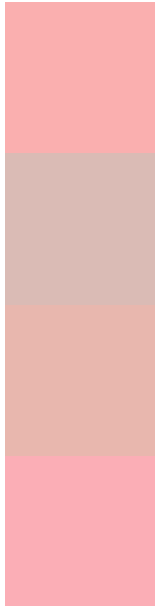
55.3448, 54.3557, 47.1099



## Tritanopia

63.5902, 53.9415, 53.5146

# Trichromacy



## Original Color

62.4922, 54.0791, 47.7021

## Protanomaly

55.0243, 53.7823, 51.1970

## Deuteranomaly

57.8522, 54.0788, 47.4335

## Tritanomaly

63.3632, 54.1587, 51.3700

# Monochromacy



## Original Color

62.4922, 54.0791, 47.7021

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

55.7018, 54.6682, 55.7603

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.4922, 54.0791, 47.7021 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(250, 175, 175) looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 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(250, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 175) }
```

## Border

The CSS property to change the border of an element to XYZ 62.4922, 54.0791, 47.7021 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(250, 175, 175) }
```



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

```
.border{ border-color:rgb(250, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
175) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.4922, 54.0791, 47.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 175) }
```

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

```
.background{ background-color: rgb(250,  
175, 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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