

Converting Colors

XYZ(62.3633, 54.2385, 37.5434)

Have a look what the booklet for
XYZ(62.3633, 54.2385, 37.5434)
contains.

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Color

**XYZ(62.4027, 54.2530,
37.7548)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF9A
RGB	255, 175, 154
RGB Percent	100%, 69%, 60%
CMY	0.0000, 0.3137, 0.3961
CMYK	0.00, 0.31, 0.40, 0.00
HSL	12°, 100%, 80%
HSV	12°, 40%, 100%
XYZ	62.4027, 54.2530, 37.7548
YIQ	196.5260, 54.4210, 10.4290

Conversions

Conversions Part 2

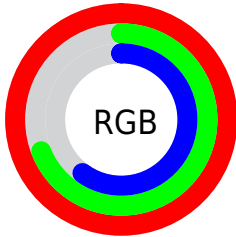
Format	Color
R _Y B	255, 181, 154
Decimal	16756634
CIE Lab	78.61, 26.77, 22.61
CIE LCh	79, 35.042, 40.185
Yxy	54.2530, 0.4041, 0.3514
Android (android.graphics.Color)	4294946714 (0xFFFFAF9A)
YUV	196.5260, -20.9653, 51.2817
Hunter-Lab	73.6566, 22.3280, 21.1689

Details

The XYZ color **62.4027, 54.2530, 37.7548** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.7981, 72.9329, 105.4807**, and the grayscale version is **52.8858, 55.6399, 60.5919**.

A 20% lighter version of the original color is **81.2011, 82.9659, 71.4088**, and **32.1727, 26.6341, 16.2772** is the 20% darker color. If you saturate the color by 10%, you get **56.8591, 46.2112, 26.5184**, and if you desaturate by 10%, it is **68.9882, 63.6563, 51.5651**.

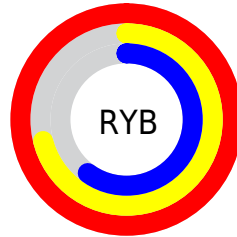
Distribution



Red (100%)

Green (69%)

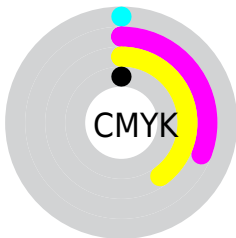
Blue (60%)



Red (100%)

Yellow (71%)

Blue (60%)

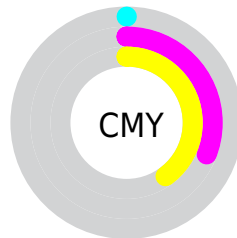


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.4027, 54.2530, 37.7548 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 62.4027, 54.2530, 37.7548 by changing the saturation by 10% instead.


 62.4027, 54.2530,
37.7548


 62.4027, 54.2530,
37.7548


423.0927,
403.0740, 351.8336

 45.6150, 38.8040,
25.4921


 107.3940, 96.4456,
72.9314

 32.1455, 26.6073,
16.2217


 136.3283,
123.9580, 96.6824

 21.6287, 17.2785,
9.5251


170.0422,
156.2603, 125.0998

 13.6994, 10.4332,
4.9838

208.9010,
193.7369, 158.6023

 7.9922, 5.6871,
2.1792

253.2701,
236.7721, 197.6084

 4.1417, 2.6558,
0.6623

303.5148,

 1.7826, 0.9548,

285.7505, 242.5366

0.0000

360.0006,
341.0563, 293.8055

■ 0.5072, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4027, 54.2530,
37.7548

■ 62.4027, 54.2530,
37.7548

■ 56.8591, 46.2112,
26.5184

■ 68.9882, 63.6563,
51.5651

■ 52.2983, 39.4595,
17.6924

■ 76.6620, 74.4726,
68.0927

■ 48.6617, 33.9317,
11.0991

■ 85.4729, 86.7602,
87.4742

■ 45.8821, 29.5525,
6.5349

95.0500, 100.0000,
108.9000

■ 43.8824, 26.2375,
3.7584

■ 42.5566, 23.8844,
2.3959

■ 42.5146, 23.8092,
2.3549

Harmonies

Analogous

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



65.7874, 54.2530, 52.5930



62.4027, 54.2530, 37.7548



56.2046, 54.2530, 30.0068

Triad

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



62.4027, 54.2530, 37.7548



40.0435, 54.2530, 47.0838



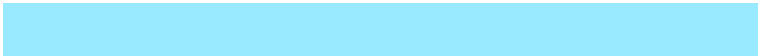
53.9523, 54.2530, 105.0244

Complementary

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



62.4027, 54.2530, 37.7548



60.7981, 72.9329, 105.4807

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.



47.1896, 54.2530, 102.6153



62.4027, 54.2530, 37.7548



39.5575, 54.2530, 66.0631

Square

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



62.4027, 54.2530, 37.7548



43.4551, 54.2530, 34.4998



42.0624, 54.2530, 87.2002



60.6277, 54.2530, 93.1916

Rectangle

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



62.4027, 54.2530, 37.7548



51.5230, 54.2530, 28.5946



42.0624, 54.2530, 87.2002



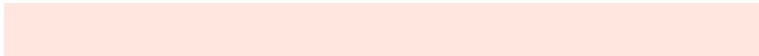
51.6087, 54.2530, 105.9070

Sweetspot

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



62.4041, 54.2556, 37.7559



83.2588, 83.6834, 82.5701



67.7624, 50.3583, 84.5947



17.5681, 17.5600, 17.1156



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.



62.4041, 54.2556, 37.7559



57.6825, 47.4152, 28.1575



73.9171, 77.2817, 41.5935



18.3154, 18.5990, 18.7690



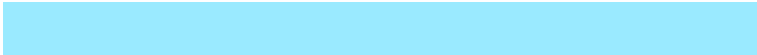
22.3000, 12.6113, 1.2589



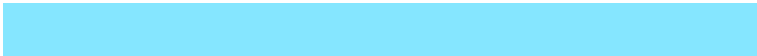
2.2454, 1.3761, 0.1473

Inverse Universe

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



60.7981, 72.9329, 105.4807



55.8299, 68.5142, 104.8898



48.5798, 48.4964, 101.4080



18.2153, 19.8021, 23.1121



20.5747, 26.0590, 53.3801



2.0801, 2.6908, 5.2230

Previews

White Background



This preview shows how the XYZ color 62.4027, 54.2530, 37.7548 looks on a white background.

Color Contrast Check

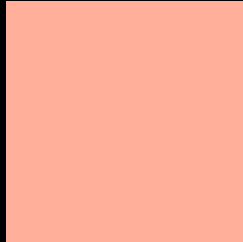
Large Text (above 18pt) WCAG AA × Fail

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 62.4027, 54.2530, 37.7548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

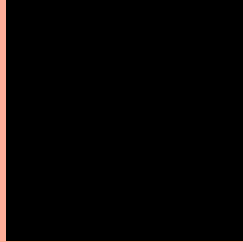
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.4027, 54.2530, 37.7548

Background



This preview shows how black text looks on a background with the XYZ color 62.4027, 54.2530, 37.7548.



This preview shows how white text looks on a background with the XYZ color 62.4027, 54.2530,

37.7548.

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

62.4027, 54.2530, 37.7548

Protanopia

51.3562, 54.3497, 42.4341

Deuteranopia

55.4327, 54.3016, 37.2654



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

62.4027, 54.2530, 37.7548

Protanomaly

54.8560, 53.9260, 40.7752

Deuteranomaly

57.9432, 54.3440, 37.5725

Tritanomaly

63.7264, 54.1643, 46.6312

Monochromacy



Original Color

62.4027, 54.2530, 37.7548

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.4515, 54.6368, 51.3394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4027, 54.2530, 37.7548 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, 175, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 154)  
}
```

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, 175, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 154) }
```

Border

The CSS property to change the border of an element to XYZ 62.4027, 54.2530, 37.7548 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, 175, 154) }
```


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

```
.border{ border-color:rgb(255, 175, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4027, 54.2530, 37.7548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 154) }
```

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

```
.background{ background-color: rgb(255,  
175, 154) }
```

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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