

Converting Colors

XYZ(86.6845, 66.7228, 41.9258)

Have a look what the booklet for
XYZ(86.6845, 66.7228, 41.9258)
contains.

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Color

**XYZ(63.0030, 54.4932,
40.9158)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA1
RGB	255, 175, 161
RGB Percent	100%, 69%, 63%
CMY	0.0000, 0.3137, 0.3686
CMYK	0.00, 0.31, 0.37, 0.00
HSL	9°, 100%, 82%
HSV	9°, 37%, 100%
XYZ	63.0030, 54.4932, 40.9158
YIQ	197.3240, 52.1740, 12.6060

Conversions

Conversions Part 2

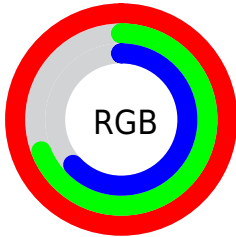
Format	Color
R _Y B	255, 177, 161
Decimal	16756641
CIE Lab	78.75, 27.56, 19.03
CIE LCh	79, 33.494, 34.632
Yxy	54.4932, 0.3977, 0.3440
Android (android.graphics.Color)	4294946721 (0xFFFFAFA1)
YUV	197.3240, -17.9077, 50.5819
Hunter-Lab	73.8195, 23.1609, 18.8111

Details

The XYZ color **63.0030, 54.4932, 40.9158** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.2019, 77.7045, 106.2224**, and the grayscale version is **53.3508, 56.1292, 61.1247**.

A 20% lighter version of the original color is **82.2106, 83.3697, 76.7247**, and **32.4848, 26.7590, 17.9209** is the 20% darker color. If you saturate the color by 10%, you get **57.0900, 45.9063, 28.9590**, and if you desaturate by 10%, it is **70.0562, 64.6263, 55.5160**.

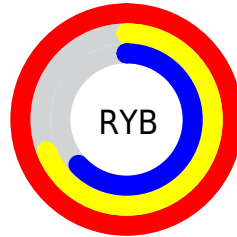
Distribution



Red (100%)

Green (69%)

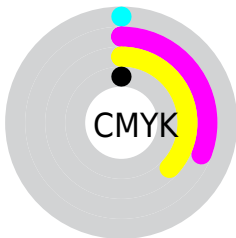
Blue (63%)



Red (100%)

Yellow (69%)

Blue (63%)

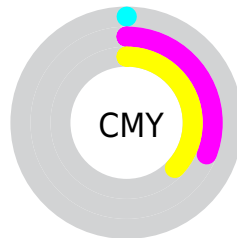


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0030, 54.4932, 40.9158 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 63.0030, 54.4932, 40.9158 by changing the saturation by 10% instead.


 63.0030, 54.4932,
40.9158


 63.0030, 54.4932,
40.9158


425.2399,
403.9879, 365.6348

 46.1023, 38.9961,
27.9341


 108.2556, 96.7980,
77.8083

 32.5315, 26.7567,
18.0374


 137.3383,
124.3745, 102.5563

 21.9253, 17.3906,
10.8071


171.2122,
156.7463, 132.0633

 13.9183, 10.5134,
5.8247

210.2429,
194.2977, 166.7481

 8.1452, 5.7406,
2.6717

254.7957,
237.4132, 207.0291

 4.2406, 2.6880,
0.9292

305.2358,

 1.8391, 0.9711,

286.4772, 253.3248

0.0000

361.9288,
341.8739, 306.0539

■ 0.5411, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0030, 54.4932,
40.9158

■ 63.0030, 54.4932,
40.9158

■ 57.0900, 45.9063,
28.9590

■ 70.0562, 64.6263,
55.5160

■ 52.2524, 38.7816,
19.4838

■ 78.3011, 76.3682,
72.9018

■ 48.4256, 33.0393,
12.3157

■ 87.7915, 89.7879,
93.2090

■ 45.5360, 28.5888,
7.2560

95.0500, 100.0000,
108.9000

■ 43.4994, 25.3282,
4.0721

■ 42.2147, 23.1393,
2.4711

■ 41.9329, 22.6458,
2.1610

Harmonies

Analogous

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



65.5624, 54.4932, 56.4349



63.0030, 54.4932, 40.9158



57.4478, 54.4932, 32.0891

Triad

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



63.0030, 54.4932, 40.9158



41.1118, 54.4932, 45.0314



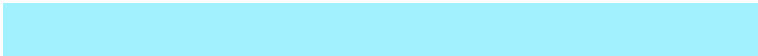
52.8302, 54.4932, 103.6508

Complementary

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



63.0030, 54.4932, 40.9158



64.2019, 77.7045, 106.2224

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.



46.5242, 54.4932, 98.7973



63.0030, 54.4932, 40.9158



40.1025, 54.4932, 62.3304

Square

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



63.0030, 54.4932, 40.9158



44.8843, 54.4932, 34.0857



42.0004, 54.4932, 82.5854



59.3791, 54.4932, 94.7140

Rectangle

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



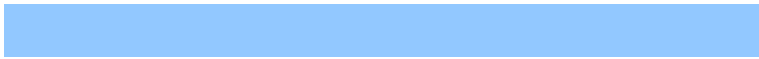
63.0030, 54.4932, 40.9158



52.9954, 54.4932, 29.9106



42.0004, 54.4932, 82.5854



50.6112, 54.4932, 103.5916

Sweetspot

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



63.0044, 54.4958, 40.9169



83.7104, 84.0276, 84.4438



70.0823, 53.1891, 90.9452



17.6414, 17.5951, 17.4837



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.



63.0044, 54.4958, 40.9169



58.6701, 48.2117, 32.1208



73.4066, 75.3003, 44.3843



18.2277, 18.4237, 18.7398



21.9759, 11.9630, 1.1508



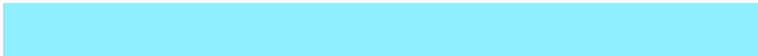
2.2012, 1.2878, 0.1326

Inverse Universe

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



64.2019, 77.7045, 106.2224



60.0000, 74.3556, 105.7975



52.3682, 54.0372, 102.2778



18.3107, 19.9930, 23.1439



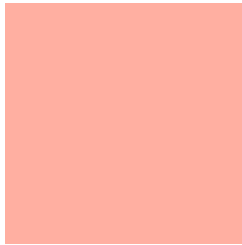
22.4851, 29.8799, 54.0169



2.2492, 3.0291, 5.2794

Previews

White Background



This preview shows how the XYZ color 63.0030, 54.4932, 40.9158 looks on a white background.

Color Contrast Check

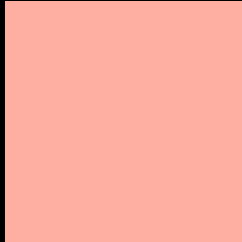
Large Text (above 18pt) WCAG AA × Fail

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 63.0030, 54.4932, 40.9158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

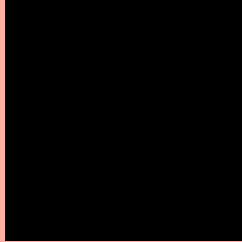
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0030, 54.4932, 40.9158

Background



This preview shows how black text looks on a background with the XYZ color 63.0030, 54.4932, 40.9158.



This preview shows how white text looks on a background with the XYZ color 63.0030, 54.4932,

40.9158.

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

63.0030, 54.4932, 40.9158

Protanopia

51.7676, 54.8079, 46.3786

Deuteranopia

55.9198, 54.8005, 40.4312



Tritanopia

64.9405, 54.6499, 53.0247

Trichromacy



Original Color

63.0030, 54.4932, 40.9158

Protanomaly

55.3897, 54.4444, 44.1487

Deuteranomaly

58.2037, 54.4096, 40.6921

Tritanomaly

64.2125, 54.6667, 48.2417

Monochromacy



Original Color

63.0030, 54.4932, 40.9158

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.7628, 54.7613, 52.9784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0030, 54.4932, 40.9158 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 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, 175, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.0030, 54.4932, 40.9158 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, 161) }
```


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

```
.border{ border-color:rgb(255, 175, 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, 175, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0030, 54.4932, 40.9158 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, 161) }
```

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

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