

Converting Colors

XYZ(75.1070, 61.1581, 41.6671)

Have a look what the booklet for
XYZ(75.1070, 61.1581, 41.6671)
contains.

XYZ(63.1984, 54.8839, 40.9809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.1984, 54.8839,
40.9809)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A1
RGB	255, 176, 161
RGB Percent	100%, 69%, 63%
CMY	0.0000, 0.3098, 0.3686
CMYK	0.00, 0.31, 0.37, 0.00
HSL	10°, 100%, 82%
HSV	10°, 37%, 100%
XYZ	63.1984, 54.8839, 40.9809
YIQ	197.9110, 51.8990, 12.0830

Conversions

Conversions Part 2

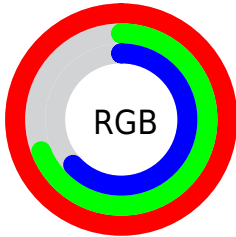
Format	Color
R _Y B	255, 179, 161
Decimal	16756897
CIE Lab	78.97, 27.04, 19.35
CIE LCh	79, 33.246, 35.589
Yxy	54.8839, 0.3973, 0.3450
Android (android.graphics.Color)	4294946977 (0xFFFFB0A1)
YUV	197.9110, -18.1971, 50.0671
Hunter-Lab	74.0837, 22.6262, 19.0611

Details

The XYZ color **63.1984, 54.8839, 40.9809** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9067, 77.1142, 106.1240**, and the grayscale version is **53.7087, 56.5057, 61.5347**.

A 20% lighter version of the original color is **82.4913, 83.9311, 76.8183**, and **32.6082, 27.0058, 17.9620** is the 20% darker color. If you saturate the color by 10%, you get **57.2997, 46.3257, 29.0289**, and if you desaturate by 10%, it is **70.2217, 64.9573, 55.5712**.

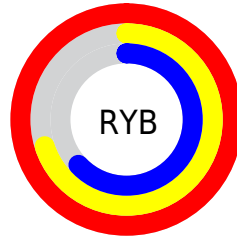
Distribution



Red (100%)

Green (69%)

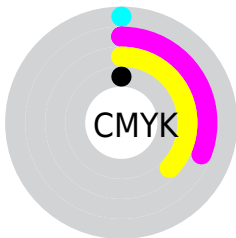
Blue (63%)



Red (100%)

Yellow (70%)

Blue (63%)

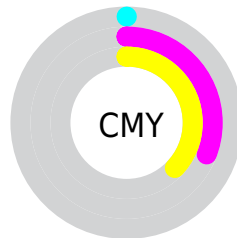


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.1984, 54.8839, 40.9809 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 63.1984, 54.8839, 40.9809 by changing the saturation by 10% instead.


 63.1984, 54.8839,
40.9809


 63.1984, 54.8839,
40.9809


425.9374,
405.4717, 365.9151

 46.2610, 39.3088,
27.9846


 108.5359, 97.3708,
77.9083

 32.6573, 27.0000,
18.0751


 137.6667,
125.0514, 102.6764

 22.0220, 17.5732,
10.8339


171.5926,
157.5360, 132.2055

 13.9898, 10.6440,
5.8425

210.6791,
195.2089, 166.9141

 8.1952, 5.8280,
2.6823

255.2915,
238.4545, 207.2209

 4.2730, 2.7408,
0.9345

305.7951,

 1.8577, 0.9979,

287.6572, 253.5443

0.0000

362.5553,
343.2015, 306.3028

■ 0.5521, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.1984, 54.8839,
40.9809

■ 63.1984, 54.8839,
40.9809

■ 57.2997, 46.3257,
29.0289

■ 70.2217, 64.9573,
55.5712

■ 52.4623, 39.2014,
19.5538

■ 78.4202, 76.6063,
72.9415

■ 48.6231, 33.4343,
12.3816

■ 87.8463, 89.8976,
93.2273

■ 45.7101, 28.9370,
7.3141

95.0500, 100.0000,
108.9000

■ 43.6411, 25.6117,
4.1193

■ 42.3176, 23.3452,
2.5054

■ 42.0228, 22.8257,
2.1909

Harmonies

Analogous

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



65.8642, 54.8839, 56.2840



63.1984, 54.8839, 40.9809



57.5962, 54.8839, 32.3648

Triad

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



63.1984, 54.8839, 40.9809



41.4272, 54.8839, 45.9435



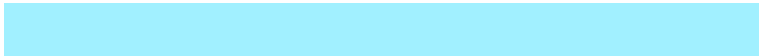
53.4131, 54.8839, 103.7973

Complementary

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



63.1984, 54.8839, 40.9809



63.9067, 77.1142, 106.1240

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.



47.0873, 54.8839, 99.4090



63.1984, 54.8839, 40.9809



40.5115, 54.8839, 63.3747

Square

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



63.1984, 54.8839, 40.9809



45.1132, 54.8839, 34.7777



42.4977, 54.8839, 83.5432



59.9169, 54.8839, 94.5148

Rectangle

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



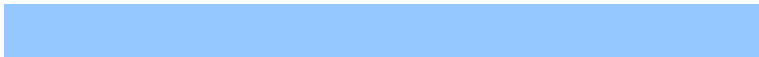
63.1984, 54.8839, 40.9809



53.1491, 54.8839, 30.3192



42.4977, 54.8839, 83.5432



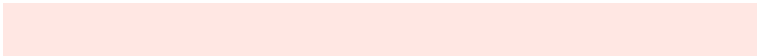
51.1941, 54.8839, 103.8916

Sweetspot

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



63.1998, 54.8865, 40.9820



83.7940, 84.1948, 84.4717



69.8474, 53.0951, 89.7080



17.6612, 17.6346, 17.4903



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.



63.1998, 54.8865, 40.9820



58.8772, 48.6259, 32.1898



73.8211, 76.1292, 44.5224



18.2435, 18.4552, 18.7450



22.0266, 12.0644, 1.1677



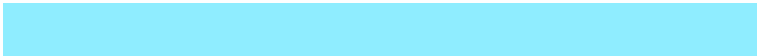
2.2086, 1.3025, 0.1350

Inverse Universe

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



63.9067, 77.1142, 106.1240



59.6531, 73.6618, 105.6818



52.0179, 53.3366, 102.1611



18.2934, 19.9585, 23.1381



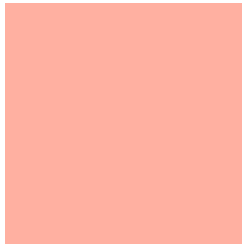
22.1275, 29.1646, 53.8977



2.2177, 2.9661, 5.2689

Previews

White Background



This preview shows how the XYZ color 63.1984, 54.8839, 40.9809 looks on a white background.

Color Contrast Check

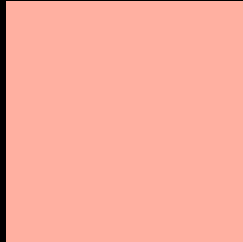
Large Text (above 18pt) WCAG AA × Fail

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 63.1984, 54.8839, 40.9809 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 63.1984, 54.8839, 40.9809

Background



This preview shows how black text looks on a background with the XYZ color 63.1984, 54.8839, 40.9809.



This preview shows how white text looks on a background with the XYZ color 63.1984, 54.8839,

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

63.1984, 54.8839, 40.9809

Protanopia

52.0426, 54.9496, 46.3915

Deuteranopia

56.2361, 54.9636, 40.4460



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

63.1984, 54.8839, 40.9809

Protanomaly

55.3897, 54.4444, 44.1487

Deuteranomaly

58.7455, 54.9962, 40.7768

Tritanomaly

64.5058, 55.0943, 48.8294

Monochromacy



Original Color

63.1984, 54.8839, 40.9809

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.3838, 55.3898, 53.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1984, 54.8839, 40.9809 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, 176, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.1984, 54.8839, 40.9809 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, 176, 161) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1984, 54.8839, 40.9809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 161) }
```

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

```
.background{ background-color: rgb(255,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor