

Converting Colors

XYZ(63.7852, 55.0567, 41.7871)

Have a look what the booklet for
XYZ(63.7852, 55.0567, 41.7871)
contains.

XYZ(63.3762, 54.9550, 41.9174)	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(63.3762, 54.9550,
41.9174)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A3
RGB	255, 176, 163
RGB Percent	100%, 69%, 64%
CMY	0.0000, 0.3098, 0.3608
CMYK	0.00, 0.31, 0.36, 0.00
HSL	8°, 100%, 82%
HSV	8°, 36%, 100%
XYZ	63.3762, 54.9550, 41.9174
YIQ	198.1390, 51.2570, 12.7050

Conversions

Conversions Part 2

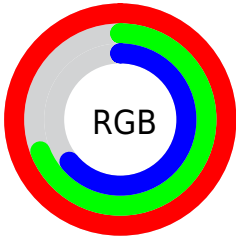
Format	Color
R _Y B	255, 178, 163
Decimal	16756899
CIE Lab	79.02, 27.27, 18.33
CIE LCh	79, 32.854, 33.905
Yxy	54.9550, 0.3955, 0.3429
Android (android.graphics.Color)	4294946979 (0xFFFFB0A3)
YUV	198.1390, -17.3235, 49.8671
Hunter-Lab	74.1316, 22.8718, 18.3669

Details

The XYZ color **63.3762, 54.9550, 41.9174** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.9051, 78.5078, 106.3404**, and the grayscale version is **53.8425, 56.6465, 61.6880**.

A 20% lighter version of the original color is **82.7515, 84.0352, 78.1886**, and **32.7172, 27.0494, 18.5356** is the 20% darker color. If you saturate the color by 10%, you get **57.3654, 46.2285, 29.7554**, and if you desaturate by 10%, it is **70.5429, 65.2558, 56.7384**.

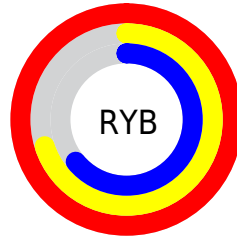
Distribution



Red (100%)

Green (69%)

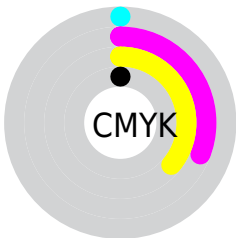
Blue (64%)



Red (100%)

Yellow (70%)

Blue (64%)

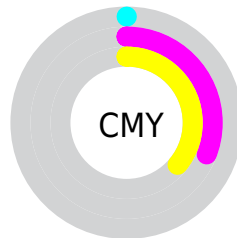


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.3762, 54.9550, 41.9174 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 63.3762, 54.9550, 41.9174 by changing the saturation by 10% instead.


 63.3762, 54.9550,
41.9174


 63.3762, 54.9550,
41.9174


426.5715,
405.7413, 369.9300

 46.4054, 39.3657,
28.7115


 108.7908, 97.4750,
79.3433

 32.7718, 27.0443,
18.6190


 137.9654,
125.1745, 104.4005

 22.1101, 17.6065,
11.2213


171.9386,
157.6796, 134.2451

 14.0549, 10.6679,
6.0998

211.0758,
195.3745, 169.2959

 8.2408, 5.8440,
2.8361

255.7423,
238.6437, 209.9711

 4.3025, 2.7504,
1.0116

306.3035,

 1.8747, 1.0029,

287.8717, 256.6896

0.0000

363.1248,
343.4428, 309.8697

■ 0.5620, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.3762, 54.9550,
41.9174

■ 63.3762, 54.9550,
41.9174

■ 57.3654, 46.2285,
29.7554

■ 70.5429, 65.2558,
56.7384

■ 52.4453, 38.9911,
20.0915

■ 78.9177, 77.1950,
74.3599

■ 48.5506, 33.1612,
12.7522

■ 88.5548, 90.8429,
94.9173

■ 45.6071, 28.6465,
7.5406

95.0500, 100.0000,
108.9000

■ 43.5302, 25.3430,
4.2268

■ 42.2193, 23.1310,
2.5267

■ 41.8723, 22.5246,
2.1408

Harmonies

Analogous

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



65.8049, 54.9550, 57.4181



63.3762, 54.9550, 41.9174



57.9597, 54.9550, 32.9789

Triad

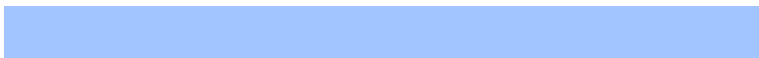
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.3762, 54.9550, 41.9174



41.7377, 54.9550, 45.3571



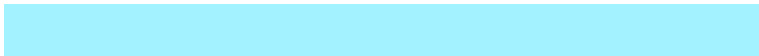
53.0939, 54.9550, 103.4200

Complementary

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



63.3762, 54.9550, 41.9174



64.9051, 78.5078, 106.3404

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.



46.8966, 54.9550, 98.3408



63.3762, 54.9550, 41.9174



40.6687, 54.9550, 62.3221

Square

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



63.3762, 54.9550, 41.9174



45.5301, 54.9550, 34.6546



42.4792, 54.9550, 82.2491



59.5636, 54.9550, 94.9656

Rectangle

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



63.3762, 54.9550, 41.9174



53.5792, 54.9550, 30.7032



42.4792, 54.9550, 82.2491



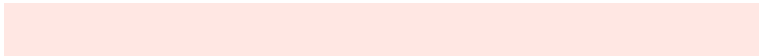
50.9097, 54.9550, 103.2474

Sweetspot

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



63.3776, 54.9576, 41.9185



83.6504, 83.9077, 84.4238



70.4749, 53.9098, 91.2744



17.6273, 17.5667, 17.4789



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.



63.3776, 54.9576, 41.9185



59.0966, 48.7527, 33.2253



73.7780, 75.7585, 45.3853



18.2165, 18.4011, 18.7360



21.9415, 11.8943, 1.1394



2.1959, 1.2773, 0.1308

Inverse Universe

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



64.9051, 78.5078, 106.3404



60.8018, 75.2975, 105.9370



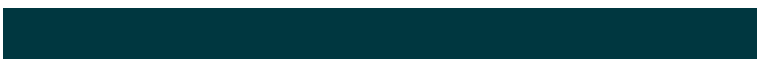
53.0605, 54.8186, 102.3922



18.3231, 20.0178, 23.1480



22.7454, 30.4003, 54.1036



2.2721, 3.0749, 5.2870

Previews

White Background



This preview shows how the XYZ color 63.3762, 54.9550, 41.9174 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 63.3762, 54.9550, 41.9174 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 63.3762, 54.9550, 41.9174

Background



This preview shows how black text looks on a background with the XYZ color 63.3762, 54.9550, 41.9174.



This preview shows how white text looks on a background with the XYZ color 63.3762, 54.9550,

41.9174.

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

63.3762, 54.9550, 41.9174

Protanopia

52.2348, 55.0265, 47.4033

Deuteranopia

56.0948, 54.8705, 41.3528



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

63.3762, 54.9550, 41.9174

Protanomaly

55.5761, 54.5190, 45.1302

Deuteranomaly

58.5871, 54.8941, 41.6902

Tritanomaly

64.6059, 55.1343, 49.3564

Monochromacy



Original Color

63.3762, 54.9550, 41.9174

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 63.3762, 54.9550, 41.9174 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 163) }
```

Border

The CSS property to change the border of an element to XYZ 63.3762, 54.9550, 41.9174 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, 163) }
```


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

```
.border{ border-color:rgb(255, 176, 163) }
```

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, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3762, 54.9550, 41.9174 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, 163) }
```

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

```
.background{ background-color: rgb(255,  
176, 163) }
```

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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