

# Converting Colors

XYZ(63.6208, 55.7781, 40.9697)

Have a look what the booklet for  
XYZ(63.6208, 55.7781, 40.9697)  
contains.

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# Color

**XYZ(63.5934, 55.6740,  
41.1126)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB2A1
RGB	255, 178, 161
RGB Percent	100%, 70%, 63%
CMY	0.0000, 0.3019, 0.3686
CMYK	0.00, 0.30, 0.37, 0.00
HSL	11°, 100%, 82%
HSV	11°, 37%, 100%
XYZ	63.5934, 55.6740, 41.1126
YIQ	199.0850, 51.3490, 11.0370

# Conversions

## Conversions Part 2

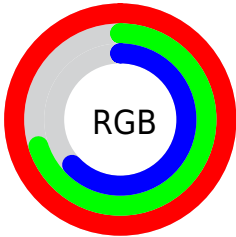
Format	Color
R <sub>Y</sub> B	255, 182, 161
Decimal	16757409
CIE Lab	79.43, 25.99, 19.98
CIE LCh	79, 32.778, 37.547
Yxy	55.6740, 0.3965, 0.3471
Android (android.graphics.Color)	4294947489 (0xFFFFB2A1)
YUV	199.0850, -18.7759, 49.0375
Hunter-Lab	74.6150, 21.5569, 19.5619

# Details

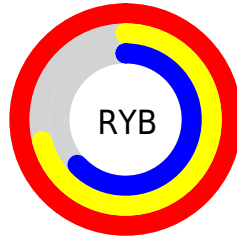
The XYZ color **63.5934, 55.6740, 41.1126** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3212, 75.9432, 105.9288**, and the grayscale version is **54.4287, 57.2632, 62.3596**.

A 20% lighter version of the original color is **83.0575, 85.0635, 77.0070**, and **32.8589, 27.5071, 18.0456** is the 20% darker color. If you saturate the color by 10%, you get **57.7258, 47.1779, 29.1709**, and if you desaturate by 10%, it is **70.5552, 65.6243, 55.6824**.

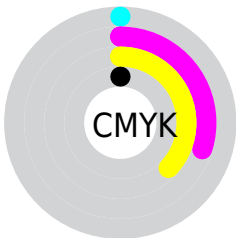
# Distribution



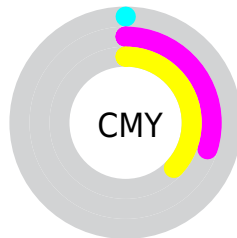
- Red (100%)
- Green (70%)
- Blue (63%)



- Red (100%)
- Yellow (71%)
- Blue (63%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5934, 55.6740, 41.1126 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 63.5934, 55.6740, 41.1126 by changing the saturation by 10% instead.





 63.5934, 55.6740,  
41.1126


 63.5934, 55.6740,  
41.1126


427.3454,  
408.4618, 366.4816

 46.5819, 39.9416,  
28.0867


 109.1022, 98.5278,  
78.1103

 32.9118, 27.4930,  
18.1514


 138.3301,  
126.4179, 102.9192

 22.2178, 17.9438,  
10.8882


172.3610,  
159.1295, 132.4929

 14.1345, 10.9097,  
5.8785

211.5600,  
197.0468, 167.2499

 8.2966, 6.0061,  
2.7037

256.2926,  
240.5543, 207.6087

 4.3387, 2.8488,  
0.9453

306.9241,

 1.8955, 1.0533,

290.0364, 253.9879

0.0000

363.8199,  
345.8774, 306.8060

■ 0.5742, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.5934, 55.6740,  
41.1126

■ 63.5934, 55.6740,  
41.1126

■ 57.7258, 47.1779,  
29.1709

■ 70.5552, 65.6243,  
55.6824

■ 52.8915, 40.0599,  
19.6969

■ 78.6594, 77.0846,  
73.0213

■ 49.0302, 34.2486,  
12.5173

■ 87.9562, 90.1174,  
93.2639

■ 46.0731, 29.6631,  
7.4351

95.0500, 100.0000,  
108.9000

■ 43.9419, 26.2133,  
4.2196

■ 42.5427, 23.7952,  
2.5805

■ 42.2221, 23.2243,  
2.2574

# Harmonies

## Analogous

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



66.4741, 55.6740, 55.9844



63.5934, 55.6740, 41.1126



57.8965, 55.6740, 32.9227

# Triad

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



63.5934, 55.6740, 41.1126



42.0649, 55.6740, 47.8087



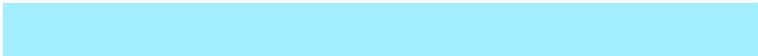
54.5955, 55.6740, 104.0956

# Complementary

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



63.5934, 55.6740, 41.1126



63.3212, 75.9432, 105.9288

# 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.



48.2306, 55.6740, 100.6462



63.5934, 55.6740, 41.1126



41.3403, 55.6740, 65.5037

# Square

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



63.5934, 55.6740, 41.1126



45.5754, 55.6740, 36.1929



43.5069, 55.6740, 85.4876



61.0063, 55.6740, 94.1204



# Rectangle

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



63.5934, 55.6740, 41.1126



53.4597, 55.6740, 31.1494



43.5069, 55.6740, 85.4876



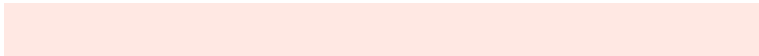
52.3769, 55.6740, 104.4986

# Sweetspot

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



63.5948, 55.6767, 41.1137



83.9617, 84.5303, 84.5276



69.6144, 53.0019, 88.4812



17.7009, 17.7140, 17.5035



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.



63.5948, 55.6767, 41.1137



59.2974, 49.4664, 32.3299



74.2394, 76.9658, 44.6619



18.2751, 18.5183, 18.7555



22.1381, 12.2874, 1.2049



2.2240, 1.3334, 0.1402

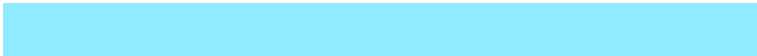


# Inverse Universe

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



63.3212, 75.9432, 105.9288



58.9661, 72.2879, 105.4529



51.6713, 52.6434, 102.0455



18.2590, 19.8895, 23.1267



21.4295, 27.7686, 53.6650



2.1560, 2.8427, 5.2483



# Previews

## White Background



This preview shows how the XYZ color 63.5934, 55.6740, 41.1126 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

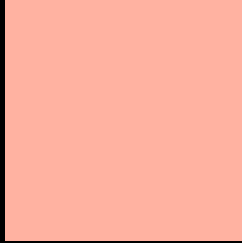
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 63.5934, 55.6740, 41.1126 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 63.5934, 55.6740, 41.1126**

## **Background**



This preview shows how black text looks on a background with the XYZ color 63.5934, 55.6740, 41.1126.



This preview shows how white text looks on a background with the XYZ color 63.5934, 55.6740,



# 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

63.5934, 55.6740, 41.1126

### Protanopia

52.9541, 56.1002, 46.0676

### Deuteranopia

56.7687, 55.5564, 40.5323



## Tritanopia

65.6471, 55.5508, 54.8393

# Trichromacy



## Original Color

63.5934, 55.6740, 41.1126

## Protanomaly

56.1290, 55.4642, 44.3066

## Deuteranomaly

58.9540, 55.4131, 40.8463

## Tritanomaly

64.8012, 55.5250, 49.4215

# Monochromacy



## Original Color

63.5934, 55.6740, 41.1126

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

56.6012, 55.8245, 53.6909

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.5934, 55.6740, 41.1126 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, 178, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 63.5934, 55.6740, 41.1126 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, 178, 161) }
```



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

```
.border{ border-color:rgb(255, 178, 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, 178, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.5934, 55.6740, 41.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 161) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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