

# Converting Colors

XYZ(63.6739, 62.0899, 40.9763)

Have a look what the booklet for  
XYZ(63.6739, 62.0899, 40.9763)  
contains.

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# Color

**XYZ(63.6739, 62.0899,  
40.9763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4C69E
RGB	244, 198, 158
RGB Percent	96%, 78%, 62%
CMY	0.0431, 0.2235, 0.3804
CMYK	0.00, 0.19, 0.35, 0.04
HSL	28°, 80%, 79%
HSV	28°, 35%, 96%
XYZ	63.6739, 62.0899, 40.9763
YIQ	207.1940, 40.2560, -2.6880

# Conversions

## Conversions Part 2

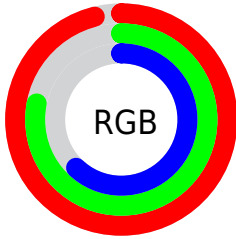
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 233, 158
Decimal	16041630
CIE <sub>Lab</sub>	82.96, 10.94, 26.23
CIE <sub>LCh</sub>	83, 28.418, 67.353
Yxy	62.0899, 0.3819, 0.3724
Android (android.graphics.Color)	4294231710 (0xFFFF4C69E)
YUV	207.1940, -24.2526, 32.2789
Hunter-Lab	78.7971, 6.3462, 24.3259

# Details

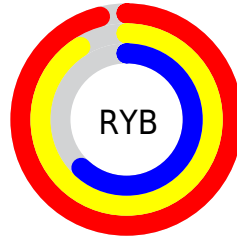
The XYZ color **63.6739, 62.0899, 40.9763** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.0219, 56.9846, 93.8454**, and the grayscale version is **59.5679, 62.6700, 68.2477**.

A 20% lighter version of the original color is **89.0102, 97.5841, 77.0951**, and **32.8245, 31.4262, 17.9715** is the 20% darker color. If you saturate the color by 10%, you get **58.9235, 55.6230, 30.0396**, and if you desaturate by 10%, it is **69.1015, 69.2435, 54.1972**.

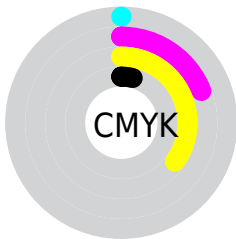
# Distribution



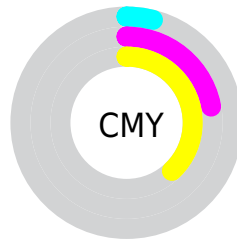
- Red (96%)
- Green (78%)
- Blue (62%)



- Red (96%)
- Yellow (91%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6739, 62.0899, 40.9763 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 63.6739, 62.0899, 40.9763 by changing the saturation by 10% instead.





 63.6739, 62.0899,  
40.9763


 63.6739, 62.0899,  
40.9763

427.6320,  
432.2589, 365.8953

 46.6473, 45.1053,  
27.9810


 109.2175,  
107.8555, 77.9012

 32.9637, 31.5404,  
18.0724

 138.4653,  
137.4052, 102.6679

 22.2577, 21.0107,  
10.8320


172.5174,  
171.9122, 132.1954

 14.1641, 13.1318,  
5.8412

211.7394,  
211.7608, 166.9024

 8.3173, 7.5194,  
2.6816

256.4964,  
257.3354, 207.2073

 4.3522, 3.7890,  
0.9341

307.1540,

 1.9032, 1.5562,

309.0203, 253.5288

0.0000

364.0774,  
367.2000, 306.2852

■ 0.5787, 0.3278,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 63.6739, 62.0899,  
40.9763

■ 63.6739, 62.0899,  
40.9763

■ 58.9235, 55.6230,  
30.0396

■ 69.1015, 69.2435,  
54.1972

■ 54.8143, 49.8112,  
21.2505

■ 75.2306, 77.0965,  
69.8205

■ 51.3137, 44.6330,  
14.4636

■ 82.0898, 85.6724,  
87.9606

■ 48.3838, 40.0621,  
9.5135

■ 89.6076, 94.9518,  
108.2124

■ 45.9811, 36.0693,  
6.2078

■ 91.1183, 97.9731,  
108.7160

■ 44.0536, 32.6215,  
4.3099

■ 43.2697, 31.1560,  
3.7331

# Harmonies

## Analogous

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



68.8960, 62.0899, 49.1115



63.6739, 62.0899, 40.9763



57.5179, 62.0899, 39.3322

# Triad

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



63.6739, 62.0899, 40.9763



48.0724, 62.0899, 72.0212



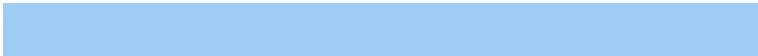
66.4641, 62.0899, 98.1700

# Complementary

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



63.6739, 62.0899, 40.9763



52.0219, 56.9846, 93.8454

# 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.



60.5370, 62.0899, 106.9468



63.6739, 62.0899, 40.9763



50.1262, 62.0899, 90.2414

# Square

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



63.6739, 62.0899, 40.9763



48.7845, 62.0899, 55.4143



54.5883, 62.0899, 103.8186



70.5832, 62.0899, 81.4648



# Rectangle

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



63.6739, 62.0899, 40.9763



53.7593, 62.0899, 41.8215



54.5883, 62.0899, 103.8186



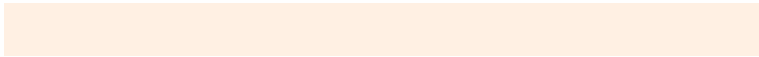
64.6016, 62.0899, 102.2663

# Sweetspot

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



63.6755, 62.0928, 40.9776



86.2578, 89.1224, 85.2929



60.5912, 48.1097, 64.0408



18.2457, 18.8036, 17.6851



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

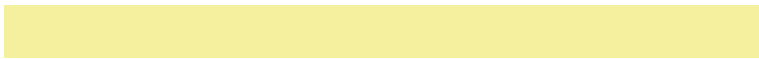
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.6755, 62.0928, 40.9776



66.7076, 63.6554, 36.7463



74.5519, 83.8456, 44.6030



17.1345, 17.7532, 17.3212



23.6615, 17.2085, 2.0745

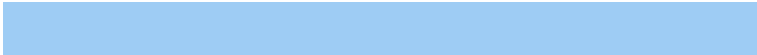


2.1814, 1.7160, 0.2163



# Inverse Universe

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



52.0219, 56.9846, 93.8454



52.1190, 57.2552, 102.9121



43.4036, 39.7480, 90.9726



16.3151, 17.3946, 21.0402



13.3937, 12.5812, 48.2605

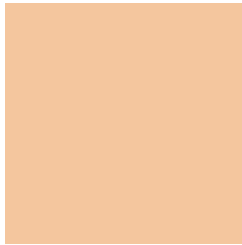


1.2800, 1.3114, 4.2759



# Previews

## White Background



This preview shows how the XYZ color 63.6739, 62.0899, 40.9763 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

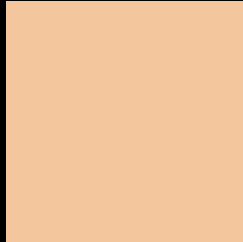
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 63.6739, 62.0899, 40.9763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

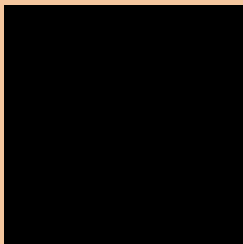
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 63.6739, 62.0899, 40.9763**

## **Background**



This preview shows how black text looks on a background with the XYZ color 63.6739, 62.0899, 40.9763.



This preview shows how white text looks on a background with the XYZ color 63.6739, 62.0899,

40.9763.

# 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

63.6739, 62.0899, 40.9763

### Protanopia

58.1081, 61.9669, 43.0806

### Deuteranopia

63.3278, 61.9115, 40.9601



## Tritanopia

68.8383, 61.8576, 66.7041

# Trichromacy



**Original Color**

63.6739, 62.0899, 40.9763

**Protanomaly**

60.1021, 61.9431, 42.5067

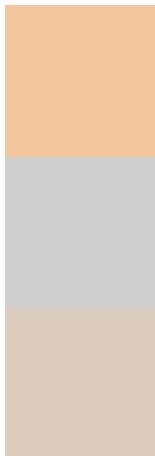
**Deuteranomaly**

63.3278, 61.9115, 40.9601

**Tritanomaly**

66.8349, 62.0319, 56.5949

# Monochromacy



**Original Color**

63.6739, 62.0899, 40.9763

**Achromatopsia**

59.3074, 62.3960, 67.9493

**Achromatomaly**

60.2934, 62.0755, 56.9481

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 63.6739, 62.0899, 40.9763 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(244, 198, 158)` looks like.

```
.text, #text, p{  
    color:rgb(244, 198, 158)  
}
```

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(244, 198, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 198, 158) }
```

## Border

The CSS property to change the border of an element to XYZ 63.6739, 62.0899, 40.9763 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(244, 198, 158) }
```



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

```
.border{ border-color:rgb(244, 198, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 198, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 198, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 198, 158);  
box-shadow:4px 4px 4px 4px rgb(244, 198,  
158) }
```

# Background

The CSS property to change the background color of an element to XYZ 63.6739, 62.0899, 40.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 198, 158) }
```

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

```
.background{ background-color: rgb(244,  
198, 158) }
```

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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