

Converting Colors

XYZ(63.6585, 61.6392, 44.2156)

Have a look what the booklet for
XYZ(63.6585, 61.6392, 44.2156)
contains.

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Color

**XYZ(63.7199, 61.7038,
44.1489)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C5A5
RGB	243, 197, 165
RGB Percent	95%, 77%, 65%
CMY	0.0471, 0.2274, 0.3529
CMYK	0.00, 0.19, 0.32, 0.05
HSL	25°, 76%, 80%
HSV	25°, 32%, 95%
XYZ	63.7199, 61.7038, 44.1489
YIQ	207.1060, 37.6880, -0.2000

Conversions

Conversions Part 2

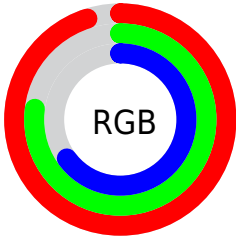
Format	Color
R _Y B	243, 219, 165
Decimal	15975845
CIE Lab	82.76, 11.93, 22.24
CIE LCh	83, 25.238, 61.780
Yxy	61.7038, 0.3758, 0.3639
Android (android.graphics.Color)	4294165925 (0xFFFF3C5A5)
YUV	207.1060, -20.7583, 31.4790
Hunter-Lab	78.5518, 7.3307, 21.6631

Details

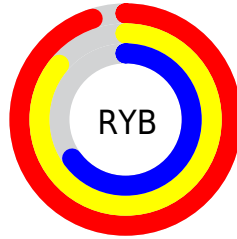
The XYZ color **63.7199, 61.7038, 44.1489** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.9882, 61.0569, 93.6810**, and the grayscale version is **59.4904, 62.5885, 68.1589**.

A 20% lighter version of the original color is **89.6001, 97.3109, 81.7706**, and **33.0528, 31.2763, 19.9176** is the 20% darker color. If you saturate the color by 10%, you get **58.6146, 54.7028, 32.5524**, and if you desaturate by 10%, it is **69.5579, 69.4973, 58.0641**.

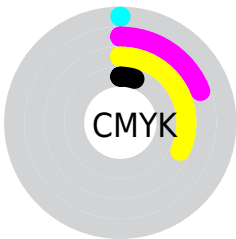
Distribution



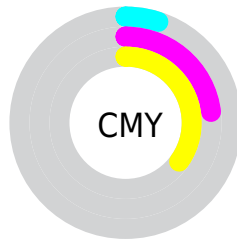
- Red (95%)
- Green (77%)
- Blue (65%)



- Red (95%)
- Yellow (86%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.7199, 61.7038, 44.1489 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 63.7199, 61.7038, 44.1489 by changing the saturation by 10% instead.


 63.7199, 61.7038,
44.1489


 63.7199, 61.7038,
44.1489


427.7957,
430.8498, 379.3747

 46.6847, 44.7934,
30.4495


 109.2834,
107.2973, 82.7466

 32.9934, 31.2947,
19.9251


 138.5425,
136.7492, 108.4820

 22.2806, 20.8234,
12.1571


172.6068,
171.1505, 139.0666

 14.1810, 12.9950,
6.7269

211.8418,
210.8854, 174.9188

 8.3292, 7.4251,
3.2161

256.6129,
256.3384, 216.4571

 4.3599, 3.7293,
1.2060

307.2853,

 1.9077, 1.5233,

307.8938, 264.1002

0.0000

364.2245,
365.9362, 318.2665

■ 0.5813, 0.3051,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7199, 61.7038,
44.1489

■ 63.7199, 61.7038,
44.1489

■ 58.6146, 54.7028,
32.5524

■ 69.5579, 69.4973,
58.0641

■ 54.2049, 48.4589,
23.1423

■ 76.1541, 78.0998,
74.4129

■ 50.4571, 42.9466,
15.7786

■ 83.5385, 87.5384,
93.3068

■ 47.3323, 38.1352,
10.3033

■ 90.5565, 97.3634,
108.6279

■ 44.7868, 33.9915,
6.5345

■ 90.7722, 97.7947,
108.6998

■ 42.7693, 30.4781,
4.2538

■ 41.4914, 28.1132,
3.2396

Harmonies

Analogous

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



67.9698, 61.7038, 52.6470



63.7199, 61.7038, 44.1489



58.3242, 61.7038, 41.5294

Triad

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



63.7199, 61.7038, 44.1489



48.8266, 61.7038, 68.1172



64.3149, 61.7038, 95.9159

Complementary

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



63.7199, 61.7038, 44.1489



54.9882, 61.0569, 93.6810

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.



58.9722, 61.7038, 101.6887



63.7199, 61.7038, 44.1489



50.2193, 61.7038, 84.1795

Square

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



63.7199, 61.7038, 44.1489



49.9277, 61.7038, 54.0251



53.8519, 61.7038, 97.0974



68.3279, 61.7038, 82.3251

Rectangle

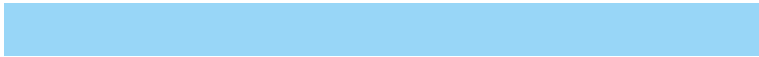
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7199, 61.7038, 44.1489



54.8615, 61.7038, 43.0855



53.8519, 61.7038, 97.0974



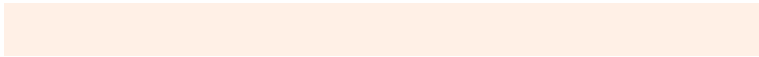
62.6040, 61.7038, 98.9217

Sweetspot

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



63.7215, 61.7067, 44.1502



86.6021, 89.2437, 87.1566



62.2761, 50.7089, 68.6611



18.2977, 18.7946, 18.0510



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.



63.7215, 61.7067, 44.1502



67.0232, 63.2860, 39.9360



73.5195, 81.3027, 47.4162



17.0575, 17.5992, 17.2955



22.8970, 15.6795, 1.8196



2.1109, 1.5751, 0.1928

Inverse Universe

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



54.9882, 61.0569, 93.6810



55.7689, 62.4342, 103.7194



46.6006, 44.2816, 90.8852



16.3934, 17.5511, 21.0662



14.4299, 14.6535, 48.6059



1.3692, 1.4899, 4.3057

Previews

White Background



This preview shows how the XYZ color 63.7199, 61.7038, 44.1489 looks on a white background.

Color Contrast Check

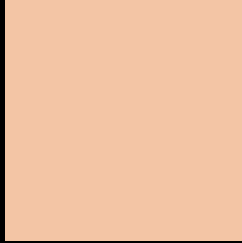
Large Text (above 18pt) WCAG AA × Fail

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 63.7199, 61.7038, 44.1489 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 63.7199, 61.7038, 44.1489

Background



This preview shows how black text looks on a background with the XYZ color 63.7199, 61.7038, 44.1489.



This preview shows how white text looks on a background with the XYZ color 63.7199, 61.7038,

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

63.7199, 61.7038, 44.1489

Protanopia

58.1462, 61.9126, 46.4218

Deuteranopia

62.9208, 61.6300, 44.1768



Tritanopia

68.1292, 61.4920, 66.6709

Trichromacy



Original Color

63.7199, 61.7038, 44.1489

Protanomaly

60.1024, 61.8699, 45.8201

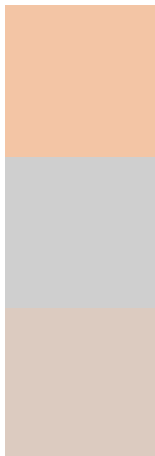
Deuteranomaly

63.2612, 61.8056, 44.1927

Tritanomaly

66.4800, 61.4943, 57.6559

Monochromacy



Original Color

63.7199, 61.7038, 44.1489

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3856, 61.7333, 58.6022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7199, 61.7038, 44.1489 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(243, 197, 165)` looks like.

```
.text, #text, p{  
    color:rgb(243, 197, 165)  
}
```

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(243, 197, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 197, 165) }
```

Border

The CSS property to change the border of an element to XYZ 63.7199, 61.7038, 44.1489 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(243, 197, 165) }
```


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

```
.border{ border-color:rgb(243, 197, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 197, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 197, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 197, 165);  
box-shadow:4px 4px 4px 4px rgb(243, 197,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7199, 61.7038, 44.1489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 197, 165) }
```

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

```
.background{ background-color: rgb(243,  
197, 165) }
```

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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