

Converting Colors

XYZ(63.8853, 61.8099, 43.2137)

Have a look what the booklet for
XYZ(63.8853, 61.8099, 43.2137)
contains.

XYZ(63.8853, 61.8099, 43.2137)	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(63.8853, 61.8099,
43.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	F4C5A3
RGB	244, 197, 163
RGB Percent	96%, 77%, 64%
CMY	0.0431, 0.2274, 0.3608
CMYK	0.00, 0.19, 0.33, 0.04
HSL	25°, 79%, 80%
HSV	25°, 33%, 96%
XYZ	63.8853, 61.8099, 43.2137
YIQ	207.1770, 38.9260, -0.6100

Conversions

Conversions Part 2

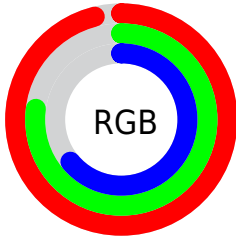
Format	Color
RYB	244, 222, 163
Decimal	16041379
CIELab	82.81, 12.07, 23.39
CIELCh	83, 26.319, 62.706
Yxy	61.8099, 0.3782, 0.3659
Android (android.graphics.Color)	4294231459 (0xFFFF4C5A3)
YUV	207.1770, -21.7793, 32.2938
Hunter-Lab	78.6193, 7.4637, 22.4443

Details

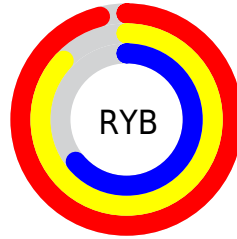
The XYZ color **63.8853, 61.8099, 43.2137** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4792, 60.4094, 94.3768**, and the grayscale version is **59.5420, 62.6428, 68.2180**.

A 20% lighter version of the original color is **89.3367, 97.2056, 80.3837**, and **32.9414, 31.2317, 19.3311** is the 20% darker color. If you saturate the color by 10%, you get **58.8419, 54.8905, 31.7674**, and if you desaturate by 10%, it is **69.6556, 69.5076, 56.9845**.

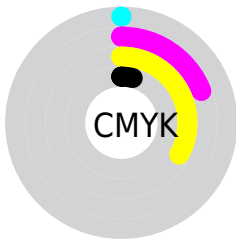
Distribution



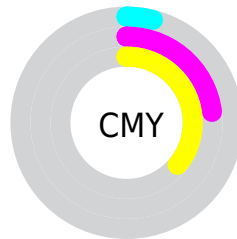
- Red (96%)
- Green (77%)
- Blue (64%)



- Red (96%)
- Yellow (87%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8853, 61.8099, 43.2137 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 63.8853, 61.8099, 43.2137 by changing the saturation by 10% instead.


 63.8853, 61.8099,
43.2137

 63.8853, 61.8099,
43.2137


428.3841,
431.2373, 375.4369

 46.8191, 44.8791,
29.7202


 109.5204,
107.4507, 81.3231

 33.1000, 31.3622,
19.3760

 138.8200,
136.9296, 106.7760

 22.3627, 20.8748,
11.7628


172.9281,
171.3599, 137.0524

 14.2417, 13.0325,
6.4618

212.2102,
211.1261, 172.5710

 8.3718, 7.4510,
3.0546

257.0314,
256.6125, 213.7502

 4.3876, 3.7457,
1.1226

307.7572,

 1.9236, 1.5323,

308.2036, 261.0085

0.0000

364.7530,
366.2837, 314.7646

■ 0.5905, 0.3113,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8853, 61.8099,
43.2137

■ 63.8853, 61.8099,
43.2137

■ 58.8419, 54.8905,
31.7674

■ 69.6556, 69.5076,
56.9845

■ 54.4879, 48.7145,
22.5108

■ 76.1785, 77.9997,
73.1967

■ 50.7897, 43.2567,
15.3011

■ 83.4838, 87.3128,
91.9636

■ 47.7078, 38.4869,
9.9765

■ 90.6834, 97.1034,
108.5710

■ 45.1980, 34.3722,
6.3503

■ 91.1183, 97.9731,
108.7160

■ 43.2079, 30.8755,
4.1964

■ 42.1025, 28.8216,
3.3441

Harmonies

Analogous

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



68.3973, 61.8099, 51.8149



63.8853, 61.8099, 43.2137



58.2357, 61.8099, 40.7052

Triad

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



63.8853, 61.8099, 43.2137



48.5275, 61.8099, 68.7839



64.8318, 61.8099, 97.1051

Complementary

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



63.8853, 61.8099, 43.2137



54.4792, 60.4094, 94.3768

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.



59.2642, 61.8099, 103.5110



63.8853, 61.8099, 43.2137



50.0526, 61.8099, 85.5995

Square

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



63.8853, 61.8099, 43.2137



49.5919, 61.8099, 53.9873



53.8946, 61.8099, 98.9977



68.9679, 61.8099, 82.6400

Rectangle

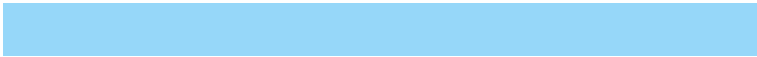
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.8853, 61.8099, 43.2137



54.6440, 61.8099, 42.4331



53.8946, 61.8099, 98.9977



63.0534, 61.8099, 100.3687

Sweetspot

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



63.8869, 61.8128, 43.2150



86.6734, 89.3863, 87.1804



62.0699, 50.0937, 67.5343



18.3149, 18.8290, 18.0567



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

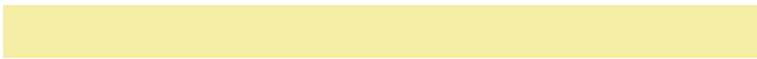
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.8869, 61.8128, 43.2150



66.6894, 62.9592, 38.7744



74.2759, 82.5909, 46.6780



17.0708, 17.6258, 17.3000



23.0211, 15.9278, 1.8610



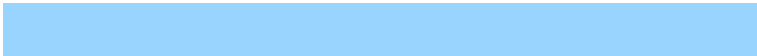
2.1226, 1.5984, 0.1966

Inverse Universe

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



54.4792, 60.4094, 94.3768



54.7751, 61.1687, 103.5275



45.7619, 42.9747, 91.4710



16.3798, 17.5239, 21.0617



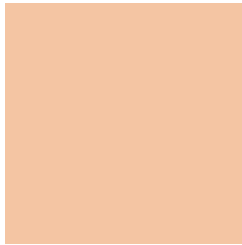
14.2416, 14.2769, 48.5431



1.3532, 1.4578, 4.3003

Previews

White Background



This preview shows how the XYZ color 63.8853, 61.8099, 43.2137 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 63.8853, 61.8099, 43.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

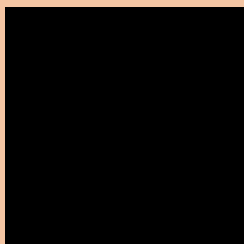
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.8853, 61.8099, 43.2137

Background



This preview shows how black text looks on a background with the XYZ color 63.8853, 61.8099, 43.2137.



This preview shows how white text looks on a background with the XYZ color 63.8853, 61.8099,

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

63.8853, 61.8099, 43.2137

Protanopia

58.2598, 61.9927, 45.4544

Deuteranopia

63.0806, 61.7333, 43.2413



Tritanopia

68.8383, 61.8576, 66.7041

Trichromacy



Original Color

63.8853, 61.8099, 43.2137

Protanomaly

60.2338, 61.9590, 44.8610

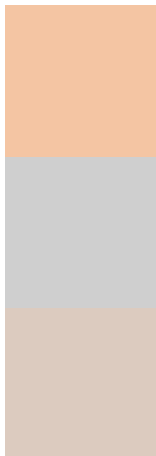
Deuteranomaly

63.4229, 61.9098, 43.2574

Tritanomaly

66.7220, 61.6318, 57.0947

Monochromacy



Original Color

63.8853, 61.8099, 43.2137

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2751, 61.6891, 58.0206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8853, 61.8099, 43.2137 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, 197, 163)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 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(244, 197, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 163) }
```

Border

The CSS property to change the border of an element to XYZ 63.8853, 61.8099, 43.2137 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, 197, 163) }
```


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

```
.border{ border-color:rgb(244, 197, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 197, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 197, 163); box-shadow:4px 4px 4px 4px rgb(244, 197, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8853, 61.8099, 43.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 163) }
```

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

```
.background{ background-color: rgb(244,  
197, 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](#).

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