

Converting Colors

XYZ(63.6111, 67.0438, 43.4761)

Have a look what the booklet for
XYZ(63.6111, 67.0438, 43.4761)
contains.

XYZ(63.5808, 66.9838, 43.2963)	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(63.5808, 66.9838,
43.2963)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D4A1
RGB	233, 212, 161
RGB Percent	91%, 83%, 63%
CMY	0.0863, 0.1686, 0.3686
CMYK	0.00, 0.09, 0.31, 0.09
HSL	43°, 62%, 77%
HSV	43°, 31%, 91%
XYZ	63.5808, 66.9838, 43.2963
YIQ	212.4650, 28.8870, -11.4090

Conversions

Conversions Part 2

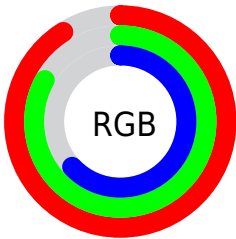
Format	Color
RYB	191, 233, 161
Decimal	15324321
CIELab	85.50, -0.20, 27.92
CIELCh	85, 27.922, 90.401
Yxy	66.9838, 0.3657, 0.3853
Android (android.graphics.Color)	4293514401 (0xFFE9D4A1)
YUV	212.4650, -25.3722, 18.0092
Hunter-Lab	81.8436, -4.5574, 25.9254

Details

The XYZ color **63.5808, 66.9838, 43.2963** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.1336, 46.9149, 83.7150**, and the grayscale version is **63.0405, 66.3235, 72.2263**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **32.8917, 34.7880, 19.4492** is the 20% darker color. If you saturate the color by 10%, you get **60.0522, 62.9140, 32.9103**, and if you desaturate by 10%, it is **67.5672, 71.3558, 55.7254**.

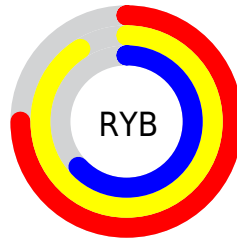
Distribution



Red (91%)

Green (83%)

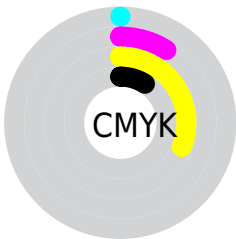
Blue (63%)



Red (75%)

Yellow (91%)

Blue (63%)

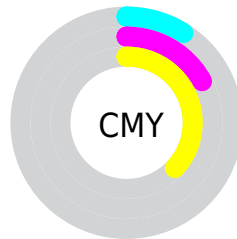


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (17%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5808, 66.9838, 43.2963 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 63.5808, 66.9838, 43.2963 by changing the saturation by 10% instead.


 63.5808, 66.9838,
43.2963


 63.5808, 66.9838,
43.2963


427.3005,
449.8871, 375.7858

 46.5716, 49.0715,
29.7845


 109.0841,
114.8972, 81.4489

 32.9037, 34.6762,
19.4244

 138.3090,
145.6670, 106.9269

 22.2115, 23.4135,
11.7975


172.3365,
181.4915, 137.2307

 14.1299, 14.8992,
6.4851

211.5319,
222.7550, 172.7789

 8.2934, 8.7486,
3.0687

256.2607,
269.8419, 213.9899

 4.3366, 4.5776,
1.1298

306.8881,

 1.8943, 2.0016,

323.1367, 261.2824

0.0000

363.7796,
383.0236, 315.0749

■ 0.5735, 0.6084,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5808, 66.9838,
43.2963

■ 63.5808, 66.9838,
43.2963

■ 60.0522, 62.9140,
32.9103

■ 67.5672, 71.3558,
55.7254

■ 56.9542, 59.1270,
24.4506

■ 72.0268, 76.0305,
70.2972

■ 54.2641, 55.6148,
17.7953

■ 76.9804, 81.0198,
87.1098

■ 51.9549, 52.3651,
12.8063

■ 82.4462, 86.3324,
106.2541

■ 49.9958, 49.3640,
9.3258

■ 84.6031, 90.4411,
107.6056

■ 48.3500, 46.5954,
7.1648

■ 86.7074, 94.6498,
108.3070

■ 47.0700, 44.2550,
6.0612

■ 87.4144, 96.0637,
108.5427

Harmonies

Analogous

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



69.8791, 66.9838, 46.5941



63.5808, 66.9838, 43.2963



57.6942, 66.9838, 46.7756

Triad

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



63.5808, 66.9838, 43.2963



53.7199, 66.9838, 92.0666



74.8649, 66.9838, 91.5731

Complementary

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



63.5808, 66.9838, 43.2963



46.1336, 46.9149, 83.7150

Split Complementary

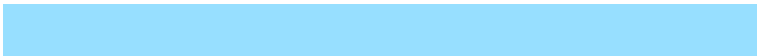
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0365, 66.9838, 107.3807



63.5808, 66.9838, 43.2963



57.8327, 66.9838, 107.6973

Square

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



63.5808, 66.9838, 43.2963



52.2373, 66.9838, 73.1786



63.7515, 66.9838, 113.7127



76.6509, 66.9838, 72.6899

Rectangle

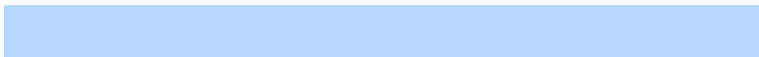
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5808, 66.9838, 43.2963



54.7274, 66.9838, 52.8669



63.7515, 66.9838, 113.7127



73.5287, 66.9838, 97.5278

Sweetspot

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



63.5825, 66.9869, 43.2977



89.4747, 94.4133, 89.8889



54.8554, 46.2164, 50.6120



18.9685, 20.0214, 18.6281



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.



63.5825, 66.9869, 43.2977



75.2449, 79.0263, 44.8444



64.6656, 75.8495, 44.9513



15.9594, 16.8419, 15.9284



26.8205, 25.3351, 3.4766



2.1883, 2.1540, 0.3004

Inverse Universe

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



46.1336, 46.9149, 83.7150



50.6954, 50.7965, 101.7405



45.2227, 40.5341, 82.5314



14.5891, 15.2645, 19.0997



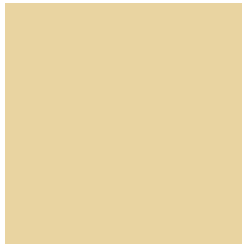
9.6093, 5.8657, 44.3687



0.8350, 0.6214, 3.5108

Previews

White Background



This preview shows how the XYZ color 63.5808, 66.9838, 43.2963 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 63.5808, 66.9838, 43.2963 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 63.5808, 66.9838, 43.2963

Background



This preview shows how black text looks on a background with the XYZ color 63.5808, 66.9838, 43.2963.

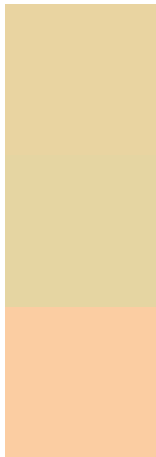


This preview shows how white text looks on a background with the XYZ color 63.5808, 66.9838,

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

63.5808, 66.9838, 43.2963

Protanopia

62.6289, 66.8551, 43.7859

Deuteranopia

68.1366, 66.7805, 43.4812



Tritanopia

70.4463, 66.8783, 76.9060

Trichromacy



Original Color

63.5808, 66.9838, 43.2963

Protanomaly

62.9490, 67.0201, 43.8008

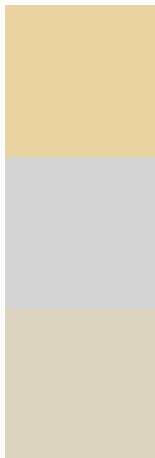
Deuteranomaly

66.3857, 66.9535, 43.6068

Tritanomaly

67.5467, 66.7537, 63.3575

Monochromacy



Original Color

63.5808, 66.9838, 43.2963

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.6843, 66.1529, 59.9170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5808, 66.9838, 43.2963 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(233, 212, 161)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 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(233, 212, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 161) }
```

Border

The CSS property to change the border of an element to XYZ 63.5808, 66.9838, 43.2963 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(233, 212, 161) }
```


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

```
.border{ border-color:rgb(233, 212, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 212, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 161);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5808, 66.9838, 43.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 161) }
```

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

```
.background{ background-color: rgb(233,  
212, 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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