

Converting Colors

XYZ(63.4630, 67.5192, 50.2451)

Have a look what the booklet for
XYZ(63.4630, 67.5192, 50.2451)
contains.

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Color

**XYZ(63.4630, 67.5192,
50.2451)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D6AF
RGB	227, 214, 175
RGB Percent	89%, 84%, 69%
CMY	0.1098, 0.1608, 0.3137
CMYK	0.00, 0.06, 0.23, 0.11
HSL	45°, 48%, 79%
HSV	45°, 23%, 89%
XYZ	63.4630, 67.5192, 50.2451
YIQ	213.4410, 20.2670, -9.3730

Conversions

Conversions Part 2

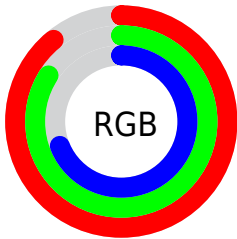
Format	Color
R _Y B	192, 227, 175
Decimal	14931631
CIE Lab	85.77, -1.63, 20.91
CIE LCh	86, 20.969, 94.453
Yxy	67.5192, 0.3502, 0.3726
Android (android.graphics.Color)	4293121711 (0xFFE3D6AF)
YUV	213.4410, -18.9514, 11.8912
Hunter-Lab	82.1701, -5.9354, 21.2646

Details

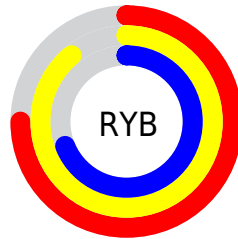
The XYZ color **63.4630, 67.5192, 50.2451** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.5273, 50.6252, 79.8347**, and the grayscale version is **63.6562, 66.9713, 72.9317**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **32.7056, 34.8593, 23.4171** is the 20% darker color. If you saturate the color by 10%, you get **60.0081, 63.8821, 39.0032**, and if you desaturate by 10%, it is **67.3463, 71.4123, 63.4804**.

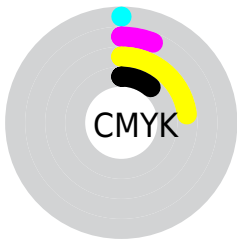
Distribution



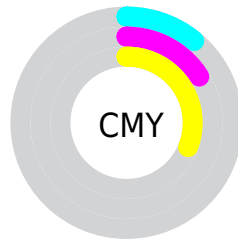
- Red (89%)
- Green (84%)
- Blue (69%)



- Red (75%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4630, 67.5192, 50.2451 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 63.4630, 67.5192, 50.2451 by changing the saturation by 10% instead.

■ 63.4630, 67.5192,
50.2451

■ 63.4630, 67.5192,
50.2451

426.8809,
451.7906, 404.3862

■ 46.4759, 49.5067,
35.2356

■ 108.9153,
115.6641, 91.9380

■ 32.8278, 35.0216,
23.5594

138.1112,
146.5652, 119.4584

■ 22.1531, 23.6795,
14.7980

172.1074,
182.5313, 151.9864

■ 14.0867, 15.0960,
8.5327

211.2693,
223.9468, 189.9402

■ 8.2631, 8.8868,
4.3450

255.9623,
271.1961, 233.7386

■ 4.3170, 4.6674,
1.8165

306.5516,

■ 1.8830, 2.0535,

324.6636, 283.8000

0.4388

363.4027,
384.7336, 340.5430

■ 0.5669, 0.6383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4630, 67.5192,
50.2451

■ 63.4630, 67.5192,
50.2451

■ 60.0081, 63.8821,
39.0032

■ 67.3463, 71.4123,
63.4804

■ 56.9570, 60.4835,
29.6517

■ 71.6706, 75.5603,
78.7967

■ 54.2907, 57.3171,
22.0847

■ 76.4545, 79.9736,
96.2816

■ 51.9863, 54.3731,
16.1841

■ 79.9253, 83.9441,
106.5981

■ 50.0181, 51.6403,
11.8174

■ 81.5911, 87.2757,
107.1533

■ 48.3566, 49.1060,
8.8320

■ 83.3093, 90.7121,
107.7261

■ 46.9662, 46.7552,
7.0435

■ 85.0804, 94.2543,
108.3164

■ 46.1045, 45.1825,
6.2911

■ 85.4887, 95.0710,
108.4525

Harmonies

Analogous

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



68.2263, 67.5192, 52.2078



63.4630, 67.5192, 50.2451



59.1078, 67.5192, 53.8539

Triad

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



63.4630, 67.5192, 50.2451



56.8811, 67.5192, 89.4596



72.8420, 67.5192, 85.4797

Complementary

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



63.4630, 67.5192, 50.2451



49.5273, 50.6252, 79.8347

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.



69.5238, 67.5192, 97.4637



63.4630, 67.5192, 50.2451



60.2873, 67.5192, 99.9546

Square

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



63.4630, 67.5192, 50.2451



55.4296, 67.5192, 75.5826



64.8923, 67.5192, 103.0509



73.7949, 67.5192, 71.4892

Rectangle

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



63.4630, 67.5192, 50.2451



56.9741, 67.5192, 59.2332



64.8923, 67.5192, 103.0509



71.9584, 67.5192, 89.9300

Sweetspot

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



63.4648, 67.5222, 50.2465



90.9014, 96.0900, 93.9919



56.0863, 50.6225, 54.3929



19.3830, 20.4968, 19.8569



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.



63.4648, 67.5222, 50.2465



80.6335, 85.8408, 58.8571



62.9390, 72.3299, 51.2022



15.2806, 16.1751, 15.2212



26.9852, 26.5446, 3.7013



2.0665, 2.1064, 0.2977

Inverse Universe

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



49.5273, 50.6252, 79.8347



59.7763, 60.5581, 103.1461



49.9349, 46.8983, 79.0938



13.8740, 14.4694, 18.2060



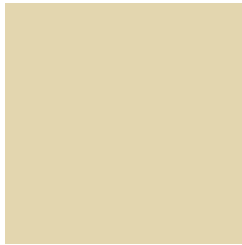
9.0097, 5.0815, 42.8891



0.7382, 0.5204, 3.1935

Previews

White Background



This preview shows how the XYZ color 63.4630, 67.5192, 50.2451 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 63.4630, 67.5192, 50.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

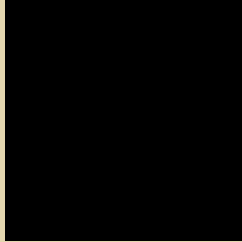
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4630, 67.5192, 50.2451

Background



This preview shows how black text looks on a background with the XYZ color 63.4630, 67.5192, 50.2451.

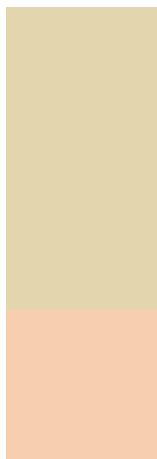


This preview shows how white text looks on a background with the XYZ color 63.4630, 67.5192,

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

63.4630, 67.5192, 50.2451

Protanopia

63.4630, 67.5192, 50.2451

Deuteranopia

68.7185, 67.2734, 50.9582



Tritanopia

69.3716, 67.3311, 79.8609

Trichromacy



Original Color

63.4630, 67.5192, 50.2451

Protanomaly

63.4630, 67.5192, 50.2451

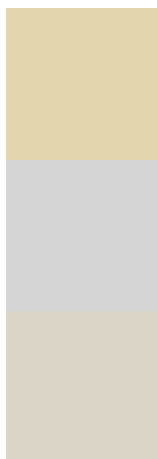
Deuteranomaly

66.5721, 67.2608, 50.5482

Tritanomaly

67.1422, 67.5383, 67.8899

Monochromacy



Original Color

63.4630, 67.5192, 50.2451

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0165, 66.6174, 63.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4630, 67.5192, 50.2451 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(227, 214, 175)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 175)  
}
```

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(227, 214, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 175) }
```

Border

The CSS property to change the border of an element to XYZ 63.4630, 67.5192, 50.2451 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(227, 214, 175) }
```


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

```
.border{ border-color:rgb(227, 214, 175) }
```

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

Here you see how a box with a 4 pixel rgb(227, 214, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 175);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4630, 67.5192, 50.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 175) }
```

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

```
.background{ background-color: rgb(227,  
214, 175) }
```

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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