

Converting Colors

XYZ(63.2280, 67.3836, 55.7917)

Have a look what the booklet for
XYZ(63.2280, 67.3836, 55.7917)
contains.

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Color

**XYZ(63.2349, 67.2839,
55.5532)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD6B9
RGB	223, 214, 185
RGB Percent	87%, 84%, 73%
CMY	0.1255, 0.1608, 0.2745
CMYK	0.00, 0.04, 0.17, 0.13
HSL	46°, 37%, 80%
HSV	46°, 17%, 87%
XYZ	63.2349, 67.2839, 55.5532
YIQ	213.3850, 14.6730, -7.1110

Conversions

Conversions Part 2

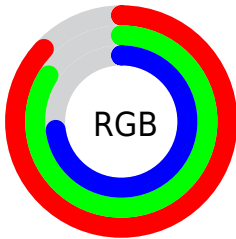
Format	Color
RYB	197, 223, 185
Decimal	14669497
CIELab	85.65, -1.64, 15.44
CIELCh	86, 15.527, 96.071
Yxy	67.2839, 0.3398, 0.3616
Android (android.graphics.Color)	4292859577 (0xFFDFD6B9)
YUV	213.3850, -13.9938, 8.4324
Hunter-Lab	82.0268, -5.9402, 17.2642

Details

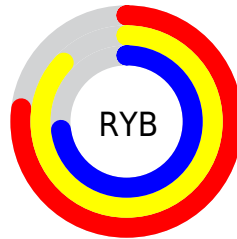
The XYZ color **63.2349, 67.2839, 55.5532** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.6184, 54.2243, 77.5054**, and the grayscale version is **63.5890, 66.9006, 72.8548**.

A 20% lighter version of the original color is **92.8772, 99.1309, 97.4581**, and **32.7114, 34.7870, 26.8203** is the 20% darker color. If you saturate the color by 10%, you get **59.7492, 63.7887, 43.6737**, and if you desaturate by 10%, it is **67.1368, 71.0194, 69.3947**.

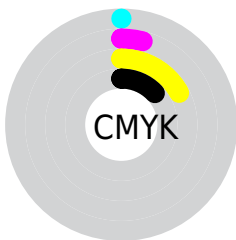
Distribution



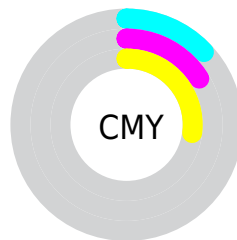
- Red (87%)
- Green (84%)
- Blue (73%)



- Red (77%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (13%)



- Cyan (13%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.2349, 67.2839, 55.5532 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 63.2349, 67.2839, 55.5532 by changing the saturation by 10% instead.

■ 63.2349, 67.2839,
55.5532

■ 63.2349, 67.2839,
55.5532

426.0676,
450.9546, 425.3464

■ 46.2906, 49.3154,
39.4432

■ 108.5882,
115.3271, 99.8303

■ 32.6808, 34.8697,
26.7942

137.7280,
146.1706, 128.8344

■ 22.0401, 23.5625,
17.1877

171.6637,
182.0745, 162.9738

■ 14.0031, 15.0094,
10.2050

210.7606,
223.4233, 202.6668

■ 8.2046, 8.8260,
5.4277

255.3841,
270.6013, 248.3320

■ 4.2790, 4.6279,
2.4372

305.8995,

■ 1.8612, 2.0306,

323.9929, 300.3880

0.8066

362.6722,
383.9826, 359.2533

■ 0.5541, 0.6252,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2349, 67.2839,
55.5532

■ 63.2349, 67.2839,
55.5532

■ 59.7492, 63.7887,
43.6737

■ 67.1368, 71.0194,
69.3947

■ 56.6568, 60.5172,
33.6614

■ 71.4659, 74.9934,
85.2786

■ 53.9405, 57.4641,
25.4199

■ 76.2395, 79.2157,
103.2858

■ 51.5796, 54.6206,
18.8428

■ 78.2244, 82.3938,
106.3885

■ 49.5513, 51.9766,
13.8117

■ 79.7593, 85.4636,
106.9001

■ 47.8298, 49.5214,
10.1930

■ 81.3395, 88.6239,
107.4268

■ 46.3850, 47.2421,
7.8299

■ 82.9652, 91.8754,
107.9687

■ 45.1776, 45.1223,
6.5179

■ 84.2416, 94.4280,
108.3942

■ 44.8463, 44.5175,
6.2291

Harmonies

Analogous

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



66.7490, 67.2839, 56.8643



63.2349, 67.2839, 55.5532



60.0309, 67.2839, 58.6215

Triad

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



63.2349, 67.2839, 55.5532



58.6115, 67.2839, 85.3345



70.3697, 67.2839, 81.4461

Complementary

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



63.2349, 67.2839, 55.5532



52.6184, 54.2243, 77.5054

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.



68.0388, 67.2839, 90.1542



63.2349, 67.2839, 55.5532



61.2330, 67.2839, 92.5400

Square

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



63.2349, 67.2839, 55.5532



57.4257, 67.2839, 75.3396



64.6731, 67.2839, 94.3802



70.9535, 67.2839, 71.2205

Rectangle

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



63.2349, 67.2839, 55.5532



58.4740, 67.2839, 62.9205



64.6731, 67.2839, 94.3802



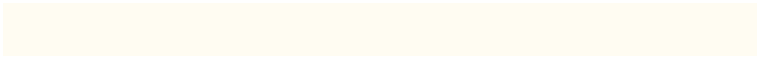
69.7604, 67.2839, 84.6760

Sweetspot

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



63.2367, 67.2869, 55.5546



92.1093, 97.2953, 98.1266



57.5749, 54.3043, 58.7819



19.6293, 20.7453, 20.6913



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.



63.2367, 67.2869, 55.5546



84.1680, 89.6775, 70.0001



62.7310, 70.4996, 56.2014



14.5824, 15.4508, 14.5205



26.4598, 26.3576, 3.6929



1.9012, 1.9613, 0.2784

Inverse Universe

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



52.6184, 54.2243, 77.5054



67.5263, 69.2062, 104.4069



53.0457, 51.5622, 76.9690



13.2141, 13.7673, 17.3486



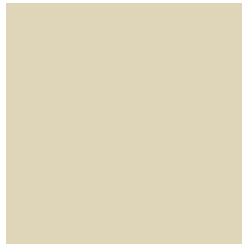
8.6471, 4.7638, 41.5121



0.6680, 0.4674, 2.9003

Previews

White Background



This preview shows how the XYZ color 63.2349, 67.2839, 55.5532 looks on a white background.

Color Contrast Check

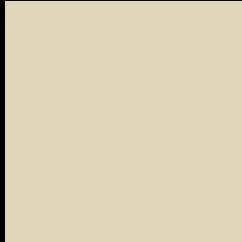
Large Text (above 18pt) WCAG AA × Fail

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 63.2349, 67.2839, 55.5532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

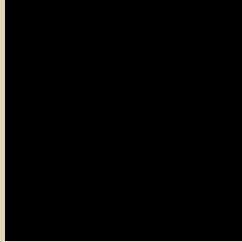
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

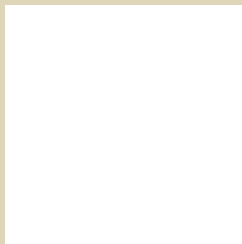
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.2349, 67.2839, 55.5532

Background



This preview shows how black text looks on a background with the XYZ color 63.2349, 67.2839, 55.5532.

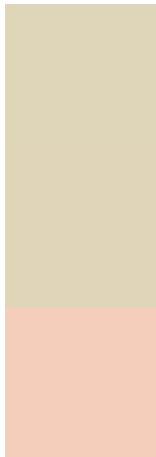


This preview shows how white text looks on a background with the XYZ color 63.2349, 67.2839,

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

63.2349, 67.2839, 55.5532

Protanopia

63.6025, 67.0988, 55.4981

Deuteranopia

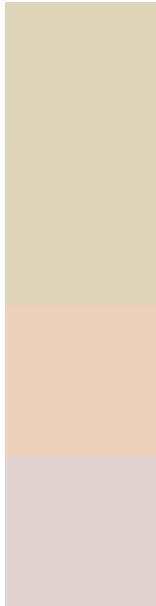
68.6971, 67.1429, 56.3529



Tritanopia

68.1414, 67.0420, 80.5831

Trichromacy



Original Color

63.2349, 67.2839, 55.5532

Protanomaly

63.2917, 66.9386, 55.4835

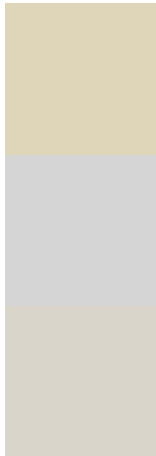
Deuteranomaly

66.5884, 67.1506, 55.9062

Tritanomaly

66.0435, 66.9151, 70.4078

Monochromacy



Original Color

63.2349, 67.2839, 55.5532

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1890, 66.6520, 66.0346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2349, 67.2839, 55.5532 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(223, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 214, 185)  
}
```

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(223, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 214, 185) }
```

Border

The CSS property to change the border of an element to XYZ 63.2349, 67.2839, 55.5532 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(223, 214, 185) }
```


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

```
.border{ border-color:rgb(223, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 214,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2349, 67.2839, 55.5532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 214, 185) }
```

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

```
.background{ background-color: rgb(223,  
214, 185) }
```

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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