

Converting Colors

XYZ(56.6907, 60.6357, 37.9905)

Have a look what the booklet for
XYZ(56.6907, 60.6357, 37.9905)
contains.

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Color

**XYZ(56.6940, 60.6357,
37.9939)**

Conversions

Conversions Part 1

Format	Color
Hex	DCCC97
RGB	220, 204, 151
RGB Percent	86%, 80%, 59%
CMY	0.1373, 0.2000, 0.4078
CMYK	0.00, 0.07, 0.31, 0.14
HSL	46°, 50%, 73%
HSV	46°, 31%, 86%
XYZ	56.6940, 60.6357, 37.9939
YIQ	202.7420, 26.5490, -13.0910

Conversions

Conversions Part 2

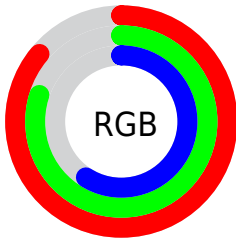
Format	Color
R _Y B	172, 220, 151
Decimal	14470295
CIE Lab	82.18, -2.31, 28.48
CIE LCh	82, 28.570, 94.637
Yxy	60.6357, 0.3650, 0.3904
Android (android.graphics.Color)	4292660375 (0xFFDCCC97)
YUV	202.7420, -25.5088, 15.1353
Hunter-Lab	77.8689, -6.3102, 25.5794

Details

The XYZ color **56.6940, 60.6357, 37.9939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4993, 39.3831, 73.2303**, and the grayscale version is **56.7474, 59.7027, 65.0163**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **28.5164, 30.6253, 16.4649** is the 20% darker color. If you saturate the color by 10%, you get **53.8796, 57.6041, 29.0485**, and if you desaturate by 10%, it is **59.8847, 63.8856, 48.7110**.

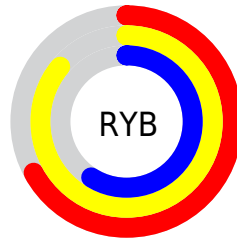
Distribution



Red (86%)

Green (80%)

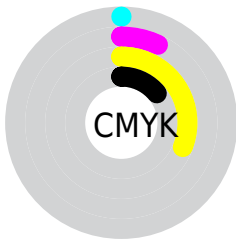
Blue (59%)



Red (67%)

Yellow (86%)

Blue (59%)

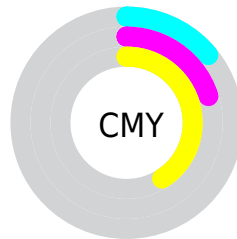


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (14%)



Cyan (14%)


Magenta (20%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6940, 60.6357, 37.9939 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 56.6940, 60.6357, 37.9939 by changing the saturation by 10% instead.


 56.6940, 60.6357,
37.9939

 56.6940, 60.6357,
37.9939


402.3344,
426.9370, 352.8912

 40.9988, 43.9312,
25.6762


 99.1525, 105.7513,
73.3021

 28.5058, 30.6164,
16.3579


 126.6465,
134.9312, 97.1297

 18.8497, 20.3070,
9.6207


158.8041,
169.0383, 125.6309

 11.6651, 12.6184,
5.0459

195.9908,
208.4572, 159.2243

 6.5866, 7.1663,
2.2150

238.5718,
253.5721, 198.3286

 3.2490, 3.5663,
0.6830

286.9125,

 1.2867, 1.4341,

304.7674, 243.3621

0.0000

341.3782,
362.4276, 294.7435

■ 0.1733, 0.2416,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6940, 60.6357,
37.9939

■ 56.6940, 60.6357,
37.9939

■ 53.8796, 57.6041,
29.0485

■ 59.8847, 63.8856,
48.7110

■ 51.4178, 54.7744,
21.7729


■ 63.4644, 67.3531,
61.2864

■ 49.2894, 52.1403,
16.0609


■ 67.4512, 71.0480,
75.8056


■ 47.4713, 49.6920,
11.7924


■ 71.8603, 74.9772,
92.3475


 45.9368, 47.4183,
8.8295

 75.7246, 78.7543,
105.8177


 44.6544, 45.3058,
7.0075

 77.1607, 81.6265,
106.2964

 43.7035, 43.5920,
6.1107

 78.6386, 84.5823,
106.7891

 80.1587, 87.6226,
107.2958

 81.7214, 90.7478,
107.8166

Harmonies

Analogous

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



62.7782, 60.6357, 40.1884



56.6940, 60.6357, 37.9939



51.2496, 60.6357, 42.1607

Triad

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



56.6940, 60.6357, 37.9939



48.5525, 60.6357, 86.9023



68.8359, 60.6357, 81.4012

Complementary

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



56.6940, 60.6357, 37.9939



39.4993, 39.3831, 73.2303

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.



64.5243, 60.6357, 97.5216



56.6940, 60.6357, 37.9939



52.7758, 60.6357, 101.0686

Square

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



56.6940, 60.6357, 37.9939



46.7638, 60.6357, 68.7613



58.5811, 60.6357, 105.2598



70.0667, 60.6357, 63.3564

Rectangle

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



56.6940, 60.6357, 37.9939



48.6282, 60.6357, 48.5034



58.5811, 60.6357, 105.2598



67.6847, 60.6357, 87.3200

Sweetspot

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



56.6955, 60.6385, 37.9952



89.8988, 95.2614, 90.0303



47.5667, 40.1433, 41.8498



19.0734, 20.2312, 18.6631



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.



56.6955, 60.6385, 37.9952



76.4282, 81.7482, 44.1437



55.4286, 65.9220, 39.0818



13.8930, 14.7254, 13.8356



25.7376, 25.7607, 3.6158



1.7309, 1.7959, 0.2554

Inverse Universe

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



39.4993, 39.3831, 73.2303



48.6054, 47.3695, 101.1892



40.4337, 35.7806, 72.4857



12.5824, 13.1046, 16.5184



8.3470, 4.5635, 40.1793



0.6068, 0.4276, 2.6250

Previews

White Background



This preview shows how the XYZ color 56.6940, 60.6357, 37.9939 looks on a white background.

Color Contrast Check

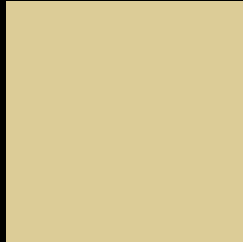
Large Text (above 18pt) WCAG AA × Fail

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 56.6940, 60.6357, 37.9939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

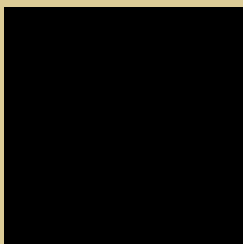
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

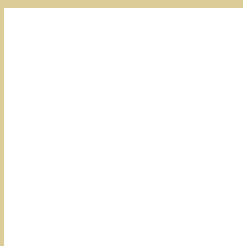
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.6940, 60.6357, 37.9939

Background



This preview shows how black text looks on a background with the XYZ color 56.6940, 60.6357, 37.9939.



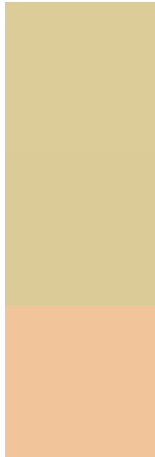
This preview shows how white text looks on a background with the XYZ color 56.6940, 60.6357,

37.9939.

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

56.6940, 60.6357, 37.9939

Protanopia

56.3922, 60.4802, 37.9798

Deuteranopia

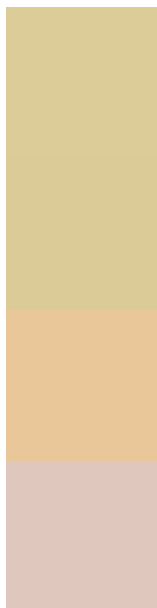
61.7653, 60.4805, 38.5555



Tritanopia

63.1764, 60.5139, 69.9786

Trichromacy



Original Color

56.6940, 60.6357, 37.9939

Protanomaly

56.3922, 60.4802, 37.9798

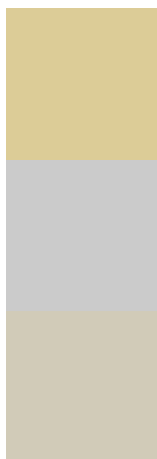
Deuteranomaly

59.6952, 60.4375, 38.2251

Tritanomaly

60.3492, 60.3683, 56.6156

Monochromacy



Original Color

56.6940, 60.6357, 37.9939

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3022, 59.7279, 53.9086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6940, 60.6357, 37.9939 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(220, 204, 151)` looks like.

```
.text, #text, p{  
    color:rgb(220, 204, 151)  
}
```

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(220, 204, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 204, 151) }
```

Border

The CSS property to change the border of an element to XYZ 56.6940, 60.6357, 37.9939 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(220, 204, 151) }
```


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

```
.border{ border-color:rgb(220, 204, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 204, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 204, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 204, 151);  
box-shadow:4px 4px 4px 4px rgb(220, 204,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6940, 60.6357, 37.9939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 204, 151) }
```

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

```
.background{ background-color: rgb(220,  
204, 151) }
```

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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