

Converting Colors

XYZ(56.5226, 63.3332, 43.5227)

Have a look what the booklet for
XYZ(56.5226, 63.3332, 43.5227)
contains.

XYZ(56.6434, 63.3972, 43.4339)	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(56.6434, 63.3972,
43.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D4A2
RGB	210, 212, 162
RGB Percent	82%, 83%, 64%
CMY	0.1765, 0.1686, 0.3647
CMYK	0.01, 0.00, 0.24, 0.17
HSL	62°, 37%, 73%
HSV	62°, 24%, 83%
XYZ	56.6434, 63.3972, 43.4339
YIQ	205.7020, 14.8580, -15.9740

Conversions

Conversions Part 2

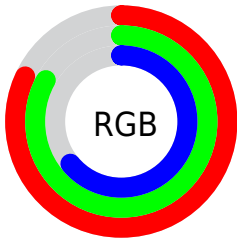
Format	Color
RYB	162, 212, 164
Decimal	13816994
CIELab	83.65, -8.76, 24.59
CIElCh	84, 26.101, 109.620
Yxy	63.3972, 0.3465, 0.3878
Android (android.graphics.Color)	4292007074 (0xFFD2D4A2)
YUV	205.7020, -21.5451, 3.7693
Hunter-Lab	79.6224, -12.3541, 23.3930

Details

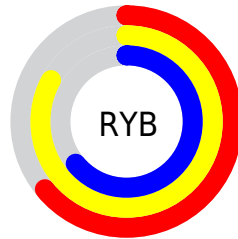
The XYZ color **56.6434, 63.3972, 43.4339** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.1163, 38.4883, 67.6055**, and the grayscale version is **58.6037, 61.6557, 67.1430**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **28.3890, 32.2083, 19.4724** is the 20% darker color. If you saturate the color by 10%, you get **54.6748, 62.5841, 34.3202**, and if you desaturate by 10%, it is **58.9343, 64.3438, 54.2237**.

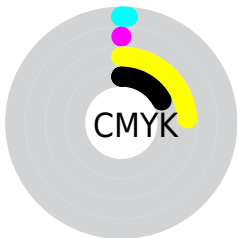
Distribution



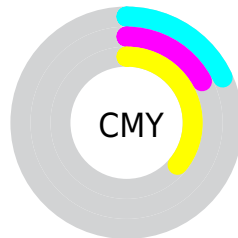
- Red (82%)
- Green (83%)
- Blue (64%)



- Red (64%)
- Yellow (83%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6434, 63.3972, 43.4339 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 56.6434, 63.3972, 43.4339 by changing the saturation by 10% instead.

■ 56.6434, 63.3972,
43.4339

■ 56.6434, 63.3972,
43.4339

402.1476,
437.0096, 376.3667

■ 40.9580, 46.1626,
29.8918

■ 99.0790, 109.7423,
81.6586

■ 28.4738, 32.3742,
19.5051

■ 126.5600,
139.6217, 107.1783

■ 18.8254, 21.6475,
11.8553

158.7036,
174.4848, 137.5275

■ 11.6474, 13.5981,
6.5239

195.8751,
214.7159, 173.1249

■ 6.5746, 7.8417,
3.0923

238.4399,
260.6996, 214.3890

■ 3.2414, 3.9938,
1.1420

286.7633,

■ 1.2827, 1.6701,

312.8202, 261.7383

0.0000

341.2108,
371.4620, 315.5913

0.1702, 0.4042,
0.0000

0.0000, 0.0000,
0.0000

56.6434, 63.3972,
43.4339

56.6434, 63.3972,
43.4339

54.6748, 62.5841,
34.3202

58.9343, 64.3438,
54.2237

53.0078, 61.8895,
26.7946

61.5574, 65.4212,
66.7636

51.6265, 61.3094,
20.7675

64.5283, 66.6379,
81.1280

50.5120, 60.8362,
16.1385

67.8600, 67.9990,
97.3858

■ 49.6429, 60.4612,
12.7950

■ 69.3995, 68.6435,
104.1995

■ 48.9946, 60.1747,
10.6071

■ 69.6487, 68.7719,
104.2112

■ 48.5370, 59.9647,
9.4175

■ 69.8991, 68.9010,
104.2229

■ 48.3112, 59.8572,
9.0073

■ 70.1508, 69.0308,
104.2347

■ 70.4039, 69.1612,
104.2465

Harmonies

Analogous

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



62.2580, 63.3972, 42.4778



56.6434, 63.3972, 43.4339



52.2707, 63.3972, 50.5877

Triad

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



56.6434, 63.3972, 43.4339



53.4171, 63.3972, 95.8738



71.7208, 63.3972, 74.8535

Complementary

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



56.6434, 63.3972, 43.4339



40.1163, 38.4883, 67.6055

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.



69.0183, 63.3972, 91.4815



56.6434, 63.3972, 43.4339



58.2996, 63.3972, 104.8278

Square

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



56.6434, 63.3972, 43.4339



50.4911, 63.3972, 80.1403



64.0214, 63.3972, 103.1043



71.2076, 63.3972, 58.9949

Rectangle

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



56.6434, 63.3972, 43.4339



50.5354, 63.3972, 58.6426



64.0214, 63.3972, 103.1043



71.1520, 63.3972, 80.5741

Sweetspot

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



56.6450, 63.4000, 43.4352



92.0452, 98.7677, 94.4485



46.8909, 43.0390, 40.0193



19.6486, 21.1187, 19.9630



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.



56.6450, 63.4000, 43.4352



84.5645, 95.6850, 59.1399



50.1555, 60.0546, 43.1315



13.4213, 14.4934, 13.2508



29.8444, 36.9617, 5.5614



1.8157, 2.2374, 0.3362

Inverse Universe

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



40.1163, 38.4883, 67.6055



55.4698, 51.8322, 101.6888



45.7096, 41.3718, 67.8673



11.7882, 12.0322, 15.6387



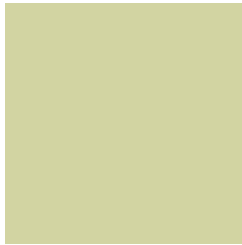
7.4221, 2.9788, 38.6369



0.4643, 0.1882, 2.3312

Previews

White Background



This preview shows how the XYZ color 56.6434, 63.3972, 43.4339 looks on a white background.

Color Contrast Check

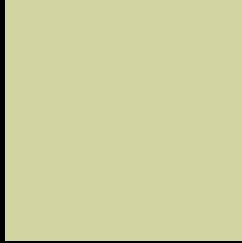
Large Text (above 18pt) WCAG AA × Fail

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 56.6434, 63.3972, 43.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

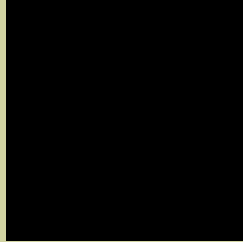
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6434, 63.3972, 43.4339

Background



This preview shows how black text looks on a background with the XYZ color 56.6434, 63.3972, 43.4339.



This preview shows how white text looks on a background with the XYZ color 56.6434, 63.3972,

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

56.6434, 63.3972, 43.4339

Protanopia

59.0252, 63.1794, 42.3416

Deuteranopia

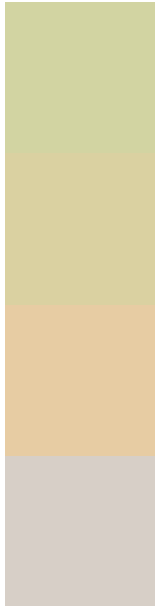
64.3173, 63.0436, 43.9007



Tritanopia

63.4246, 63.2585, 76.5774

Trichromacy



Original Color

56.6434, 63.3972, 43.4339

Protanomaly

58.1469, 63.0796, 42.8291

Deuteranomaly

61.1587, 62.8190, 43.5522

Tritanomaly

60.6460, 63.1962, 63.0345

Monochromacy



Original Color

56.6434, 63.3972, 43.4339

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.5823, 62.0949, 57.6658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6434, 63.3972, 43.4339 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(210, 212, 162)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 162)  
}
```

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(210, 212, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 162) }
```

Border

The CSS property to change the border of an element to XYZ 56.6434, 63.3972, 43.4339 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(210, 212, 162) }
```


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

```
.border{ border-color:rgb(210, 212, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 162);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6434, 63.3972, 43.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 162) }
```

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

```
.background{ background-color: rgb(210,  
212, 162) }
```

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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