

Converting Colors

XYZ(58.8074, 63.7810, 43.4400)

Have a look what the booklet for
XYZ(58.8074, 63.7810, 43.4400)
contains.

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Color

**XYZ(58.7816, 63.7619,
43.3916)**

Conversions

Conversions Part 1

Format	Color
Hex	DBD2A2
RGB	219, 210, 162
RGB Percent	86%, 82%, 64%
CMY	0.1412, 0.1764, 0.3647
CMYK	0.00, 0.04, 0.26, 0.14
HSL	51°, 44%, 75%
HSV	51°, 26%, 86%
XYZ	58.7816, 63.7619, 43.3916
YIQ	207.2190, 20.7720, -13.0200

Conversions

Conversions Part 2

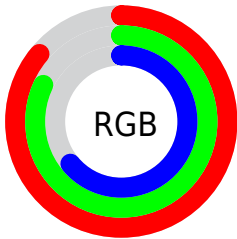
Format	Color
RYB	173, 219, 162
Decimal	14406306
CIELab	83.84, -4.36, 24.96
CIELCh	84, 25.339, 99.901
Yxy	63.7619, 0.3542, 0.3843
Android (android.graphics.Color)	4292596386 (0xFFDDBD2A2)
YUV	207.2190, -22.2930, 10.3319
Hunter-Lab	79.8510, -8.3382, 23.6771

Details

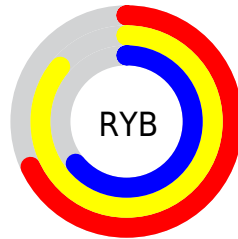
The XYZ color **58.7816, 63.7619, 43.3916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2492, 41.9206, 72.8828**, and the grayscale version is **59.5806, 62.6834, 68.2623**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **29.8072, 32.6893, 19.4905** is the 20% darker color. If you saturate the color by 10%, you get **56.1585, 61.3643, 33.7350**, and if you desaturate by 10%, it is **61.7655, 66.3377, 54.8426**.

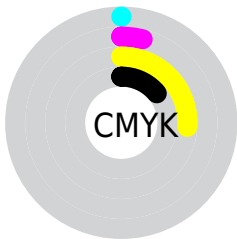
Distribution



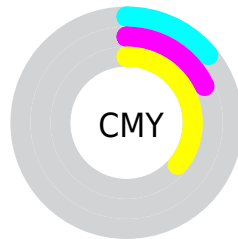
- Red (86%)
- Green (82%)
- Blue (64%)



- Red (68%)
- Yellow (86%)
- Blue (64%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (14%)



- Cyan (14%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7816, 63.7619, 43.3916 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 58.7816, 63.7619, 43.3916 by changing the saturation by 10% instead.

■ 58.7816, 63.7619,
43.3916

■ 58.7816, 63.7619,
43.3916

409.9992,
438.3293, 376.1882

■ 42.6830, 46.4579,
29.8588

■ 102.1766,
110.2680, 81.5942

■ 29.8299, 32.6073,
19.4803

■ 130.2038,
140.2388, 107.1010

■ 19.8570, 21.8258,
11.8375

162.9378,
175.2006, 137.4363

■ 12.3988, 13.7289,
6.5120

200.7442,
215.5379, 173.0186

■ 7.0900, 7.9324,
3.0850

243.9881,
261.6350, 214.2663

■ 3.5653, 4.0517,
1.1382

293.0350,

■ 1.4593, 1.7025,

313.8764, 261.5982

0.0000

348.2502,
372.6463, 315.4326

■ 0.2979, 0.4253,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7816, 63.7619,
43.3916

■ 58.7816, 63.7619,
43.3916

■ 56.1585, 61.3643,
33.7350

■ 61.7655, 66.3377,
54.8426

■ 53.8736, 59.1291,
25.7761

■ 65.1216, 69.0899,
68.1699

■ 51.9092, 57.0511,
19.4154

■ 68.8671, 72.0277,
83.4551

■ 50.2441, 55.1219,
14.5412

■ 73.0163, 75.1570,
100.7740

■ 48.8541, 53.3314,
11.0275

■ 74.8107, 77.3746,
105.5996

■ 47.7113, 51.6683,
8.7273

■ 75.7671, 79.2873,
105.9184

■ 46.7809, 50.1186,
7.4581

■ 76.7426, 81.2382,
106.2435

■ 46.4457, 49.5245,
7.1112

■ 77.7372, 83.2275,
106.5751

■ 78.7512, 85.2555,
106.9131

Harmonies

Analogous

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



64.3574, 63.7619, 44.4308



58.7816, 63.7619, 43.3916



53.9929, 63.7619, 48.4619

Triad

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



58.7816, 63.7619, 43.3916



52.7567, 63.7619, 91.0079



71.2232, 63.7619, 80.5034

Complementary

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



58.7816, 63.7619, 43.3916



42.2492, 41.9206, 72.8828

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.



67.7334, 63.7619, 95.7018



58.7816, 63.7619, 43.3916



56.9990, 63.7619, 102.3811

Square

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



58.7816, 63.7619, 43.3916



50.6579, 63.7619, 74.8322



62.4632, 63.7619, 104.2193



71.7730, 63.7619, 64.2864

Rectangle

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



58.7816, 63.7619, 43.3916



51.8059, 63.7619, 55.1578



62.4632, 63.7619, 104.2193



70.3453, 63.7619, 85.9640

Sweetspot

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



58.7832, 63.7648, 43.3929



90.9192, 96.7182, 92.1711



49.5328, 43.8609, 44.6346



19.3027, 20.5737, 19.0981



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.



58.7832, 63.7648, 43.3929



80.9803, 88.2101, 53.8065



55.6730, 65.5514, 43.9017



13.9781, 14.8956, 13.8640



27.6067, 29.4989, 4.2388



1.8365, 2.0071, 0.2906

Inverse Universe

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



42.2492, 41.9206, 72.8828



54.0173, 52.5924, 101.9121



44.7633, 40.7798, 72.5301



12.5038, 12.9473, 16.4922



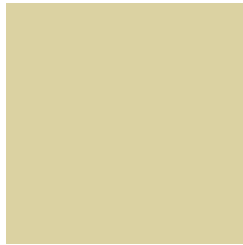
7.9819, 3.8333, 40.0576



0.5698, 0.3537, 2.6127

Previews

White Background



This preview shows how the XYZ color 58.7816, 63.7619, 43.3916 looks on a white background.

Color Contrast Check

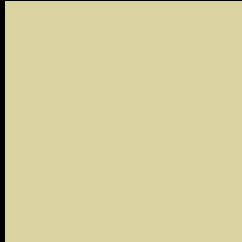
Large Text (above 18pt) WCAG AA × Fail

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 58.7816, 63.7619, 43.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

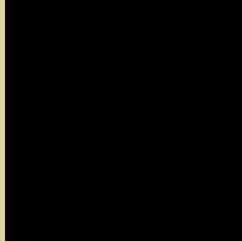
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7816, 63.7619, 43.3916

Background



This preview shows how black text looks on a background with the XYZ color 58.7816, 63.7619, 43.3916.



This preview shows how white text looks on a background with the XYZ color 58.7816, 63.7619,

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

58.7816, 63.7619, 43.3916

Protanopia

59.6649, 63.8621, 42.9002

Deuteranopia

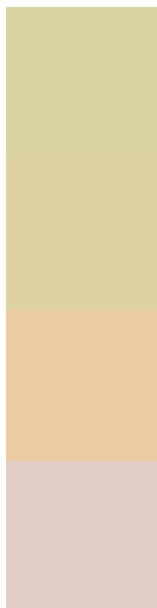
64.8957, 63.6867, 43.9944



Tritanopia

65.1394, 63.4718, 75.1477

Trichromacy



Original Color

58.7816, 63.7619, 43.3916

Protanomaly

59.3577, 63.7037, 42.8858

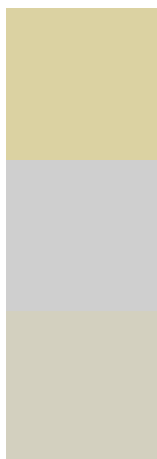
Deuteranomaly

62.4647, 63.4922, 43.6133

Tritanomaly

62.4558, 63.4278, 62.3771

Monochromacy



Original Color

58.7816, 63.7619, 43.3916

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8238, 62.7222, 58.2965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7816, 63.7619, 43.3916 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(219, 210, 162)` looks like.

```
.text, #text, p{  
    color:rgb(219, 210, 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(219, 210, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 210, 162) }
```

Border

The CSS property to change the border of an element to XYZ 58.7816, 63.7619, 43.3916 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(219, 210, 162) }
```


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

```
.border{ border-color:rgb(219, 210, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 210, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 210, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 210, 162);  
box-shadow:4px 4px 4px 4px rgb(219, 210,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7816, 63.7619, 43.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 210, 162) }
```

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

```
.background{ background-color: rgb(219,  
210, 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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