

Converting Colors

XYZ(63.1180, 66.7050, 56.1538)

Have a look what the booklet for
XYZ(63.1180, 66.7050, 56.1538)
contains.

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Color

**XYZ(63.0886, 66.8216,
56.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD5BA
RGB	223, 213, 186
RGB Percent	87%, 84%, 73%
CMY	0.1255, 0.1647, 0.2706
CMYK	0.00, 0.04, 0.17, 0.13
HSL	44°, 37%, 80%
HSV	44°, 17%, 87%
XYZ	63.0886, 66.8216, 56.0271
YIQ	212.9120, 14.6270, -6.2770

Conversions

Conversions Part 2

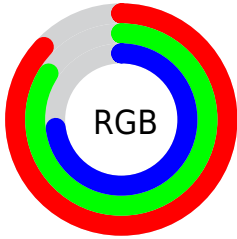
Format	Color
R _Y B	200, 223, 186
Decimal	14669242
CIE Lab	85.41, -0.97, 14.58
CIE LCh	85, 14.617, 93.818
Yxy	66.8216, 0.3393, 0.3594
Android (android.graphics.Color)	4292859322 (0xFFDFD5BA)
YUV	212.9120, -13.2676, 8.8472
Hunter-Lab	81.7445, -5.2904, 16.5842

Details

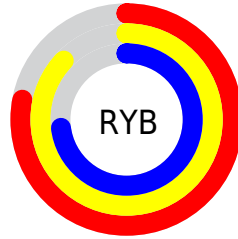
The XYZ color **63.0886, 66.8216, 56.0271** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.3088, 55.2456, 77.6664**, and the grayscale version is **63.2675, 66.5624, 72.4864**.

A 20% lighter version of the original color is **93.0270, 99.1908, 98.2471**, and **32.6089, 34.4720, 27.1254** is the 20% darker color. If you saturate the color by 10%, you get **59.4138, 62.9741, 44.0046**, and if you desaturate by 10%, it is **67.1933, 70.9356, 70.0198**.

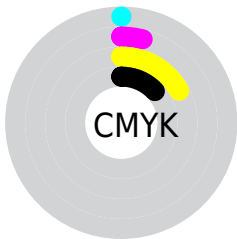
Distribution



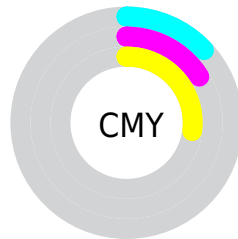
- Red (87%)
- Green (84%)
- Blue (73%)



- Red (78%)
- 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 63.0886, 66.8216, 56.0271 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 63.0886, 66.8216, 56.0271 by changing the saturation by 10% instead.

■ 63.0886, 66.8216,
56.0271

■ 63.0886, 66.8216,
56.0271

425.5455,
449.3095, 427.1848

■ 46.1718, 48.9397,
39.8205

■ 108.3784,
114.6647, 100.5304

■ 32.5866, 34.5716,
27.0859

137.4822,
145.3947, 129.6642

■ 21.9677, 23.3331,
17.4047

171.3789,
181.1762, 163.9441

■ 13.9496, 14.8396,
10.3585

210.4341,
222.3936, 203.7887

■ 8.1671, 8.7069,
5.5286

255.0129,
269.4312, 249.6165

■ 4.2548, 4.5505,
2.4965

305.4809,

■ 1.8472, 1.9860,

322.6734, 301.8461

0.8383

362.2033,
382.5047, 360.8960

■ 0.5459, 0.5993,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0886, 66.8216,
56.0271

■ 63.0886, 66.8216,
56.0271

■ 59.4138, 62.9741,
44.0046

■ 67.1933, 70.9356,
70.0198

■ 56.1459, 59.3762,
33.8578

■ 71.7392, 75.3149,
86.0630

■ 53.2675, 56.0223,
25.4906

■ 76.7436, 79.9696,
104.2375

■ 50.7578, 52.9030,
18.7968

■ 78.7957, 83.5362,
106.5789

■ 48.5941, 50.0082,
13.6588

■ 80.5704, 87.0856,
107.1704

■ 46.7503, 47.3264,
9.9435

■ 82.4043, 90.7534,
107.7817

■ 45.1964, 44.8447,
7.4955

■ 84.2417, 94.4281,
108.3942

■ 43.8942, 42.5466,
6.1171

■ 43.4857, 41.7962,
5.7755

Harmonies

Analogous

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



66.3648, 66.8216, 57.5801



63.0886, 66.8216, 56.0271



60.0315, 66.8216, 58.6260

Triad

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



63.0886, 66.8216, 56.0271



58.3642, 66.8216, 83.3929



69.4029, 66.8216, 81.1090

Complementary

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



63.0886, 66.8216, 56.0271



53.3088, 55.2456, 77.6664

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.



67.1244, 66.8216, 88.9946



63.0886, 66.8216, 56.0271



60.7420, 66.8216, 90.3916

Square

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



63.0886, 66.8216, 56.0271



57.3644, 66.8216, 73.9792



63.9371, 66.8216, 92.5250



70.0837, 66.8216, 71.5490

Rectangle

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



63.0886, 66.8216, 56.0271



58.5068, 66.8216, 62.5080



63.9371, 66.8216, 92.5250



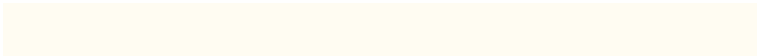
68.7946, 66.8216, 84.0700

Sweetspot

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



63.0904, 66.8246, 56.0285



91.9756, 97.0278, 98.0820



58.0100, 54.8143, 60.0371



19.5967, 20.6801, 20.6804



0.0000, 0.0000, 0.0000



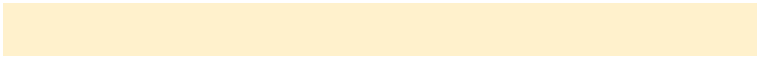
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0904, 66.8246, 56.0285



83.6602, 88.6619, 69.8308



63.2707, 70.7657, 56.7797



14.5422, 15.3704, 14.5071



25.6668, 24.7716, 3.4286



1.8520, 1.8628, 0.2619

Inverse Universe

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



53.3088, 55.2456, 77.6664



67.9656, 70.0850, 104.5533



53.1314, 51.9180, 77.0335



13.2518, 13.8427, 17.3612



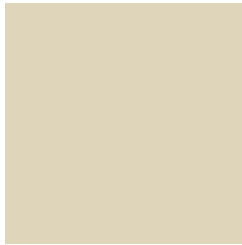
8.8695, 5.2085, 41.5862



0.6879, 0.5073, 2.9069

Previews

White Background



This preview shows how the XYZ color 63.0886, 66.8216, 56.0271 looks on a white background.

Color Contrast Check

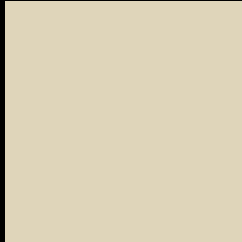
Large Text (above 18pt) WCAG AA × Fail

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 63.0886, 66.8216, 56.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

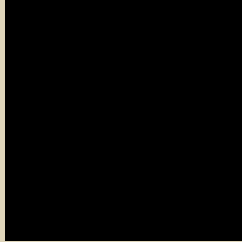
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.0886, 66.8216, 56.0271

Background



This preview shows how black text looks on a background with the XYZ color 63.0886, 66.8216, 56.0271.

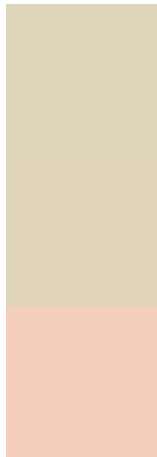


This preview shows how white text looks on a background with the XYZ color 63.0886, 66.8216,

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

63.0886, 66.8216, 56.0271

Protanopia

63.3976, 66.9810, 56.0416

Deuteranopia

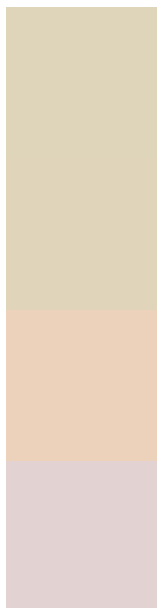
68.0031, 66.7852, 56.3204



Tritanopia

68.0053, 66.9875, 79.8666

Trichromacy



Original Color

63.0886, 66.8216, 56.0271

Protanomaly

63.3976, 66.9810, 56.0416

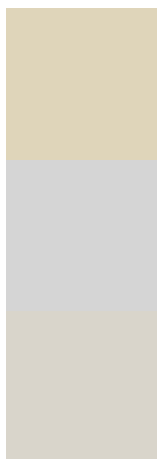
Deuteranomaly

66.3622, 67.0217, 56.4525

Tritanomaly

66.0435, 66.9151, 70.4078

Monochromacy



Original Color

63.0886, 66.8216, 56.0271

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 63.0886, 66.8216, 56.0271 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, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 213, 186)  
}
```

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, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 213, 186) }
```

Border

The CSS property to change the border of an element to XYZ 63.0886, 66.8216, 56.0271 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, 213, 186) }
```


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

```
.border{ border-color:rgb(223, 213, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 213, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 213, 186);  
box-shadow:4px 4px 4px 4px rgb(223, 213,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0886, 66.8216, 56.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 213, 186) }
```

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

```
.background{ background-color: rgb(223,  
213, 186) }
```

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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