

Converting Colors

XYZ(52.6685, 56.6852, 43.7628)

Have a look what the booklet for
XYZ(52.6685, 56.6852, 43.7628)
contains.

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Color

**XYZ(52.6686, 56.6853,
43.7627)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC7A5
RGB	206, 199, 165
RGB Percent	81%, 78%, 65%
CMY	0.1922, 0.2196, 0.3529
CMYK	0.00, 0.03, 0.20, 0.19
HSL	50°, 29%, 73%
HSV	50°, 20%, 81%
XYZ	52.6686, 56.6853, 43.7627
YIQ	197.2170, 15.0860, -9.0900

Conversions

Conversions Part 2

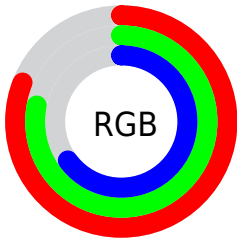
Format	Color
RYB	173, 206, 165
Decimal	13551525
CIELab	80.00, -3.12, 17.92
CIELCh	80, 18.193, 99.871
Yxy	56.6853, 0.3440, 0.3702
Android (android.graphics.Color)	4291741605 (0xFFCEC7A5)
YUV	197.2170, -15.8830, 7.7027
Hunter-Lab	75.2896, -6.8878, 18.2400

Details

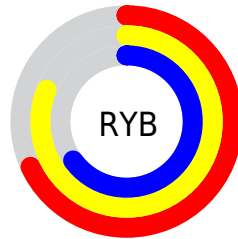
The XYZ color **52.6686, 56.6853, 43.7627** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4100, 41.9597, 64.3095**, and the grayscale version is **53.2899, 56.0651, 61.0549**.

A 20% lighter version of the original color is **89.9183, 97.9473, 81.8767**, and **25.8685, 28.0224, 19.6682** is the 20% darker color. If you saturate the color by 10%, you get **50.1437, 54.3981, 34.4038**, and if you desaturate by 10%, it is **55.5172, 59.1357, 54.7209**.

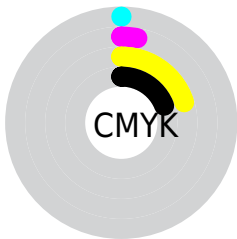
Distribution



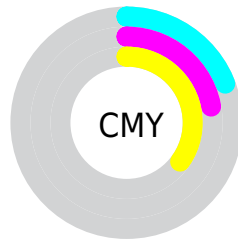
- Red (81%)
- Green (78%)
- Blue (65%)



- Red (68%)
- Yellow (81%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (20%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6686, 56.6853, 43.7627 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 52.6686, 56.6853, 43.7627 by changing the saturation by 10% instead.


 52.6686, 56.6853,
43.7627


 52.6686, 56.6853,
43.7627

387.2941,
412.2690, 377.7520

 37.7647, 40.7526,
30.1482


 93.2849, 100.0059,
82.1592

 25.9765, 28.1258,
19.6981


 119.7281,
128.1625, 107.7783

 16.9386, 18.4205,
11.9939


150.7484,
161.1627, 138.2359

 10.2858, 11.2523,
6.6170

186.7111,
199.3907, 173.9507

 5.6526, 6.2368,
3.1490

227.9817,
243.2309, 215.3412

 2.6736, 2.9896,
1.1712

274.9255,

 0.9836, 1.1263,

293.0678, 262.8259

0.0000

327.9078,
349.2857, 316.8233

■ 0.0000, 0.0003,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.6686, 56.6853,
43.7627

■ 52.6686, 56.6853,
43.7627

■ 50.1437, 54.3981,
34.4038

■ 55.5172, 59.1357,
54.7209

■ 47.9236, 52.2606,
26.5645

■ 58.6986, 61.7474,
67.3458

■ 45.9939, 50.2687,
20.1637

■ 62.2272, 64.5283,
81.7052

■ 44.3374, 48.4155,
15.1114

■ 66.1150, 67.4833,
97.8621

■ 42.9349, 46.6929,
11.3073

■ 68.2085, 69.7512,
104.4761

■ 41.7647, 45.0921,
8.6371

■ 69.1218, 71.5780,
104.7806

■ 40.8009, 43.6025,
6.9655

■ 70.0546, 73.4436,
105.0915

■ 39.9963, 42.2051,
6.0441

■ 71.0069, 75.3482,
105.4089

■ 39.9887, 42.1917,
6.0362

■ 71.9789, 77.2921,
105.7329

Harmonies

Analogous

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



56.3604, 56.6853, 44.5159



52.6686, 56.6853, 43.7627



49.4493, 56.6853, 47.3812

Triad

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



52.6686, 56.6853, 43.7627



48.6056, 56.6853, 75.7085



60.8292, 56.6853, 68.9928

Complementary

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



52.6686, 56.6853, 43.7627



41.4100, 41.9597, 64.3095

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.



58.5629, 56.6853, 78.6955



52.6686, 56.6853, 43.7627



51.4689, 56.6853, 82.8696

Square

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



52.6686, 56.6853, 43.7627



47.1754, 56.6853, 65.2757



55.1051, 56.6853, 84.0212



61.1865, 56.6853, 58.2970

Rectangle

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



52.6686, 56.6853, 43.7627



47.9622, 56.6853, 52.0582



55.1051, 56.6853, 84.0212



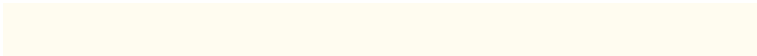
60.2606, 56.6853, 72.5104

Sweetspot

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



52.6701, 56.6878, 43.7639



91.8565, 97.3991, 96.1632



46.4055, 43.0313, 45.1511



19.5893, 20.7881, 20.2993



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.



52.6701, 56.6878, 43.7639



83.4739, 90.1836, 63.9289



50.8600, 58.1994, 44.1511



11.9846, 12.7582, 11.9104



24.6860, 26.1049, 3.7377



1.3177, 1.4350, 0.2075

Inverse Universe

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



41.4100, 41.9597, 64.3095



61.8973, 61.9639, 103.3056



42.9527, 40.8303, 64.0102



10.7539, 11.1482, 14.1554



7.2820, 3.5879, 36.2650



0.4247, 0.2832, 1.8872

Previews

White Background



This preview shows how the XYZ color 52.6686, 56.6853, 43.7627 looks on a white background.

Color Contrast Check

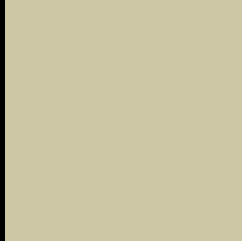
Large Text (above 18pt) WCAG AA × Fail

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 52.6686, 56.6853, 43.7627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

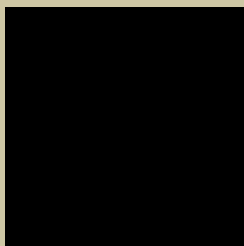
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

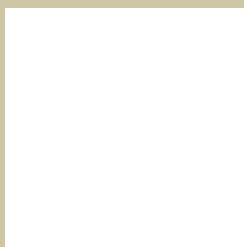
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6686, 56.6853, 43.7627

Background



This preview shows how black text looks on a background with the XYZ color 52.6686, 56.6853, 43.7627.



This preview shows how white text looks on a background with the XYZ color 52.6686, 56.6853,

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

52.6686, 56.6853, 43.7627

Protanopia

53.1894, 56.6238, 43.2481

Deuteranopia

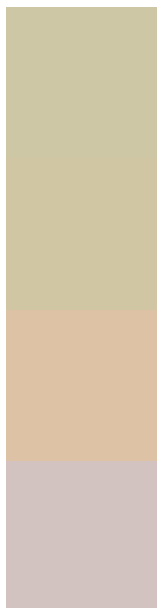
57.9190, 56.7096, 44.4526



Tritanopia

57.6065, 56.6910, 67.5808

Trichromacy



Original Color

52.6686, 56.6853, 43.7627

Protanomaly

52.9073, 56.4784, 43.2349

Deuteranomaly

55.9935, 56.7089, 44.0711

Tritanomaly

55.6079, 56.5376, 57.8512

Monochromacy



Original Color

52.6686, 56.6853, 43.7627

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7705, 56.1703, 53.9596

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6686, 56.6853, 43.7627 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(206, 199, 165)` looks like.

```
.text, #text, p{  
    color:rgb(206, 199, 165)  
}
```

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(206, 199, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 199, 165) }
```

Border

The CSS property to change the border of an element to XYZ 52.6686, 56.6853, 43.7627 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(206, 199, 165) }
```


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

```
.border{ border-color:rgb(206, 199, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 199, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 199, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 199, 165);  
box-shadow:4px 4px 4px 4px rgb(206, 199,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6686, 56.6853, 43.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 199, 165) }
```

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

```
.background{ background-color: rgb(206,  
199, 165) }
```

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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