

Converting Colors

XYZ(58.3635, 61.6270, 44.9424)

Have a look what the booklet for XYZ(58.3635, 61.6270, 44.9424) contains.

- XYZ(58.5330, 61.7880, 44.9176) 3**
- Conversions* 4**
- Details* 6**
- Harmonies* 12**
- Previews* 24**
- Color Blindness Simulation* 28**
- CSS Examples* 31**

Color

**XYZ(58.5330, 61.7880,
44.9176)**

Conversions

Conversions Part 1

Format	Color
Hex	DDCDA6
RGB	221, 205, 166
RGB Percent	87%, 80%, 65%
CMY	0.1333, 0.1961, 0.3490
CMYK	0.00, 0.07, 0.25, 0.13
HSL	43°, 45%, 76%
HSV	43°, 25%, 87%
XYZ	58.5330, 61.7880, 44.9176
YIQ	205.3380, 22.0550, -8.7370

Conversions

Conversions Part 2

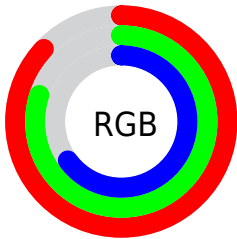
Format	Color
RYB	189, 221, 166
Decimal	14536102
CIELab	82.80, -0.47, 21.46
CIELCh	83, 21.467, 91.257
Yxy	61.7880, 0.3542, 0.3739
Android (android.graphics.Color)	4292726182 (0xFFDDCDA6)
YUV	205.3380, -19.3936, 13.7356
Hunter-Lab	78.6053, -4.6404, 21.1435

Details

The XYZ color **58.5330, 61.7880, 44.9176** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5045, 46.7819, 75.0382**, and the grayscale version is **58.3547, 61.3937, 66.8577**.

A 20% lighter version of the original color is **90.0511, 98.0005, 82.5764**, and **29.6209, 31.3475, 20.4091** is the 20% darker color. If you saturate the color by 10%, you get **55.1720, 58.0360, 34.6404**, and if you desaturate by 10%, it is **62.3088, 65.8112, 57.0532**.

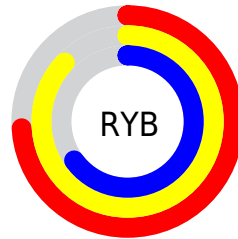
Distribution



Red (87%)

Green (80%)

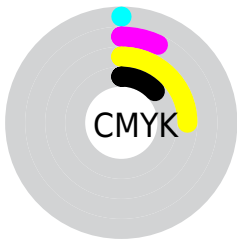
Blue (65%)



Red (74%)

Yellow (87%)

Blue (65%)

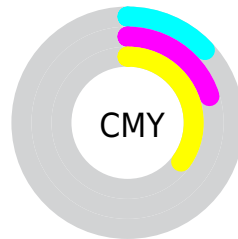


Cyan (0%)

Magenta (7%)

Yellow (25%)

Black (13%)



Cyan (13%)

Magenta (20%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5330, 61.7880, 44.9176 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 58.5330, 61.7880, 44.9176 by changing the saturation by 10% instead.

■ 58.5330, 61.7880,
44.9176

■ 58.5330, 61.7880,
44.9176

409.0910,
431.1574, 382.5901

■ 42.4822, 44.8614,
31.0501

■ 101.8171,
107.4191, 83.9139

■ 29.6718, 31.3483,
20.3782

■ 129.7812,
136.8924, 109.8797

■ 19.7365, 20.8642,
12.4834

162.4471,
171.3167, 140.7154

■ 12.3108, 13.0248,
6.9473

200.1801,
211.0764, 176.8394

■ 7.0294, 7.4456,
3.3512

243.3457,
256.5559, 218.6704

■ 3.5270, 3.7423,
1.2766

292.3091,

■ 1.4382, 1.5305,

308.1397, 266.6268

0.0425

347.4358,
366.2120, 321.1272

■ 0.2832, 0.3100,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5330, 61.7880,
44.9176

■ 58.5330, 61.7880,
44.9176

■ 55.1720, 58.0360,
34.6404

■ 62.3088, 65.8112,
57.0532

■ 52.2024, 54.5383,
26.1236

■ 66.5119, 70.1055,
71.1307

■ 49.6056, 51.2884,
19.2662

■ 71.1600, 74.6811,
87.2332

■ 47.3596, 48.2762,
13.9552

■ 76.2685, 79.5455,
105.4376

■ 45.4393, 45.4904,
10.0634

■ 78.1938, 83.2421,
106.5538

■ 43.8160, 42.9182,
7.4432

■ 80.0896, 87.0338,
107.1858

■ 42.4547, 40.5444,
5.9141

■ 82.0529, 90.9602,
107.8402

■ 41.8302, 39.3948,
5.3993

■ 83.6288, 94.1122,
108.3655

Harmonies

Analogous

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



63.1026, 61.7880, 47.3495



58.5330, 61.7880, 44.9176



54.2390, 61.7880, 47.7924

Triad

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



58.5330, 61.7880, 44.9176



51.4583, 61.7880, 81.3557



66.8635, 61.7880, 80.2636

Complementary

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



58.5330, 61.7880, 44.9176



45.5045, 46.7819, 75.0382

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.



63.4574, 61.7880, 91.4453



58.5330, 61.7880, 44.9176



54.5597, 61.7880, 92.1318

Square

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



58.5330, 61.7880, 44.9176



50.2888, 61.7880, 67.8362



58.9227, 61.7880, 96.0429



68.0614, 61.7880, 66.7201

Rectangle

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



58.5330, 61.7880, 44.9176



52.0696, 61.7880, 52.5816



58.9227, 61.7880, 96.0429



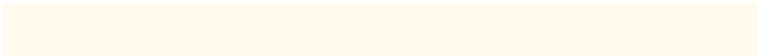
65.9303, 61.7880, 84.4824

Sweetspot

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



58.5346, 61.7908, 44.9189



90.6743, 95.6357, 93.9162



51.9508, 46.0434, 50.6772



19.3303, 20.3914, 19.8394



0.0000, 0.0000, 0.0000



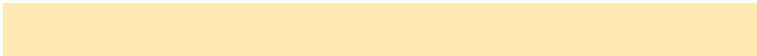
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5346, 61.7908, 44.9189



78.3951, 82.6323, 54.2009



59.3180, 68.1679, 46.1085



13.8257, 14.5908, 13.8132



24.4017, 23.0890, 3.1705



1.6537, 1.6415, 0.2297

Inverse Universe

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



45.5045, 46.7819, 75.0382



57.3528, 58.3998, 102.8572



44.8194, 41.8408, 74.1205



12.6457, 13.2311, 16.5395



8.7406, 5.3506, 40.3105



0.6396, 0.4933, 2.6360

Previews

White Background



This preview shows how the XYZ color 58.5330, 61.7880, 44.9176 looks on a white background.

Color Contrast Check

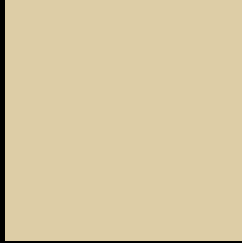
Large Text (above 18pt) WCAG AA × Fail

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 58.5330, 61.7880, 44.9176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

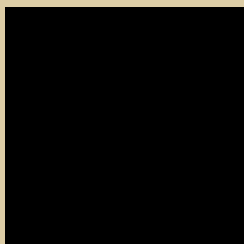
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

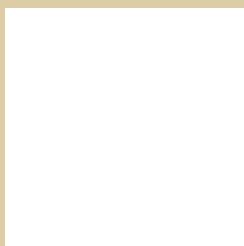
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5330, 61.7880, 44.9176

Background



This preview shows how black text looks on a background with the XYZ color 58.5330, 61.7880, 44.9176.

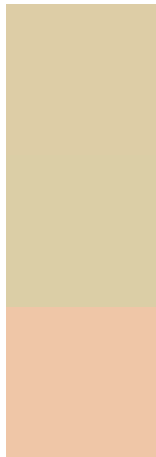


This preview shows how white text looks on a background with the XYZ color 58.5330, 61.7880,

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

58.5330, 61.7880, 44.9176

Protanopia

58.1677, 61.9559, 44.9693

Deuteranopia

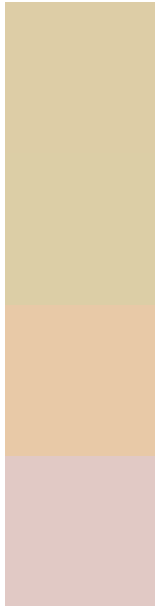
62.7657, 61.5289, 45.1274



Tritanopia

64.0102, 61.5741, 72.1296

Trichromacy



Original Color

58.5330, 61.7880, 44.9176

Protanomaly

58.4694, 62.1114, 44.9834

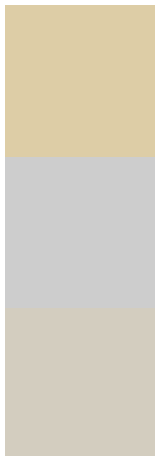
Deuteranomaly

61.1404, 61.7191, 45.2498

Tritanomaly

62.0160, 61.8121, 61.4856

Monochromacy



Original Color

58.5330, 61.7880, 44.9176

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.0993, 61.2731, 58.0549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5330, 61.7880, 44.9176 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(221, 205, 166)` looks like.

```
.text, #text, p{  
    color:rgb(221, 205, 166)  
}
```

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(221, 205, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 205, 166) }
```

Border

The CSS property to change the border of an element to XYZ 58.5330, 61.7880, 44.9176 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(221, 205, 166) }
```


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

```
.border{ border-color:rgb(221, 205, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 205, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 205, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 205, 166); box-shadow:4px 4px 4px 4px rgb(221, 205, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5330, 61.7880, 44.9176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 205, 166) }
```

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

```
.background{ background-color: rgb(221,  
205, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor