

Converting Colors

XYZ(60.6157, 63.5976, 61.3058)

Have a look what the booklet for
XYZ(60.6157, 63.5976, 61.3058)
contains.

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Color

**XYZ(60.5440, 63.5443,
61.2988)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D0C4
RGB	215, 208, 196
RGB Percent	84%, 82%, 77%
CMY	0.1569, 0.1843, 0.2314
CMYK	0.00, 0.03, 0.09, 0.16
HSL	38°, 19%, 81%
HSV	38°, 9%, 84%
XYZ	60.5440, 63.5443, 61.2988
YIQ	208.7250, 8.0240, -2.2480

Conversions

Conversions Part 2

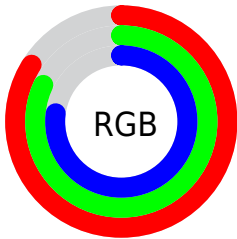
Format	Color
R_{YB}	207, 215, 196
Decimal	14143684
CIE Lab	83.73, 0.35, 6.80
CIE LCh	84, 6.810, 87.066
Yxy	63.5443, 0.3266, 0.3428
Android (android.graphics.Color)	4292333764 (0xFFD7D0C4)
YUV	208.7250, -6.2734, 5.5032
Hunter-Lab	79.7147, -3.9284, 10.2076

Details

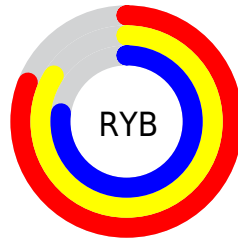
The XYZ color **60.5440, 63.5443, 61.2988** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.3866, 59.3530, 72.7751**, and the grayscale version is **60.4625, 63.6113, 69.2727**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **30.9353, 32.5378, 30.2411** is the 20% darker color. If you saturate the color by 10%, you get **56.3884, 58.8724, 48.6927**, and if you desaturate by 10%, it is **65.1502, 68.5548, 75.7869**.

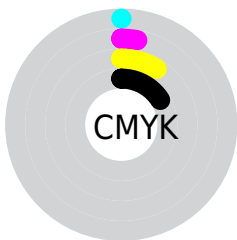
Distribution



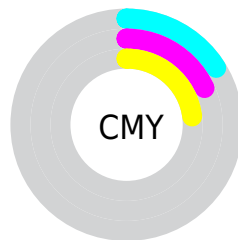
- Red (84%)
- Green (82%)
- Blue (77%)



- Red (81%)
- Yellow (84%)
- Blue (77%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5440, 63.5443, 61.2988 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 60.5440, 63.5443, 61.2988 by changing the saturation by 10% instead.

■ 60.5440, 63.5443,
61.2988

■ 60.5440, 63.5443,
61.2988

416.4027,
437.5422, 447.3056

■ 44.1084, 46.2817,
44.0342

104.7203,
109.9544, 108.2732

■ 30.9540, 32.4682,
30.3600

133.1916,
139.8707, 138.8201

■ 20.7155, 21.7193,
19.8577

166.4057,
174.7736, 174.6315

■ 13.0275, 13.6508,
12.1086

204.7277,
215.0476, 216.1261

■ 7.5246, 7.8782,
6.6942

248.5230,
261.0771, 263.7222

■ 3.8415, 4.0171,
3.1961

298.1571,

■ 1.6129, 1.6831,

313.2464, 317.8384

1.1956

353.9952,
371.9400, 378.8934

■ 0.4008, 0.4127,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5440, 63.5443,
61.2988

■ 60.5440, 63.5443,
61.2988

■ 56.3884, 58.8724,
48.6927

■ 65.1502, 68.5548,
75.7869

■ 52.6619, 54.5219,
37.8858

■ 70.2172, 73.9039,
92.2267

■ 49.3490, 50.4866,
28.7952

■ 74.8624, 79.2427,
105.9574

■ 46.4310, 46.7566,
21.3299

■ 77.1382, 83.7944,
106.7161

■ 43.8876, 43.3214,
15.3904

■ 79.5157, 88.5493,
107.5085

■ 41.6963, 40.1696,
10.8662

■ 81.8346, 93.1872,
108.2815

■ 39.8320, 37.2885,
7.6315

■ 38.2648, 34.6638,
5.5382

■ 36.9492, 32.2745,
4.3540

Harmonies

Analogous

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



61.9711, 63.5443, 62.5156



60.5440, 63.5443, 61.2988



59.1001, 63.5443, 62.1231

Triad

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



60.5440, 63.5443, 61.2988



57.8766, 63.5443, 72.9977



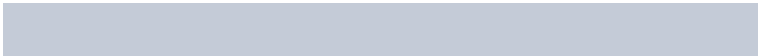
62.8385, 63.5443, 73.7556

Complementary

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



60.5440, 63.5443, 61.2988



56.3866, 59.3530, 72.7751

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.



61.7126, 63.5443, 76.7712



60.5440, 63.5443, 61.2988



58.8497, 63.5443, 76.3211

Square

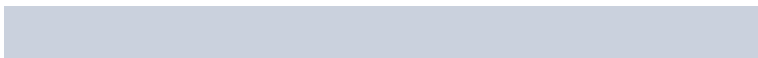
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5440, 63.5443, 61.2988



57.5752, 63.5443, 68.7690



60.2501, 63.5443, 77.7287



63.3095, 63.5443, 69.6106

Rectangle

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



60.5440, 63.5443, 61.2988



58.3195, 63.5443, 63.7386



60.2501, 63.5443, 77.7287



62.5232, 63.5443, 74.9414

Sweetspot

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



60.5458, 63.5471, 61.3002



92.9505, 97.7329, 102.2445



58.5784, 58.2532, 64.8345



19.7774, 20.7908, 21.5132



0.0000, 0.0000, 0.0000



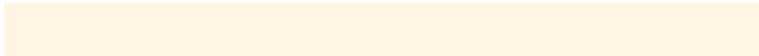
20.3446, 21.4041, 23.3091

Same Dimension

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



60.5458, 63.5471, 61.3002



87.6514, 91.9095, 85.7575



61.6428, 66.7009, 61.8511



13.0706, 13.7154, 13.1191



22.1182, 19.3536, 2.5699



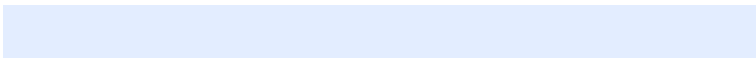
1.4119, 1.3230, 0.1809

Inverse Universe

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



56.3866, 59.3530, 72.7751



80.0777, 84.2725, 106.6534



55.3524, 56.4223, 72.2639



12.1134, 12.7501, 15.7601



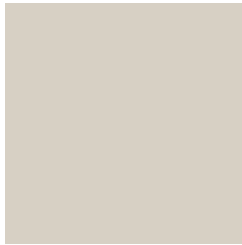
9.1089, 6.4796, 39.2237



0.6272, 0.5465, 2.3917

Previews

White Background



This preview shows how the XYZ color 60.5440, 63.5443, 61.2988 looks on a white background.

Color Contrast Check

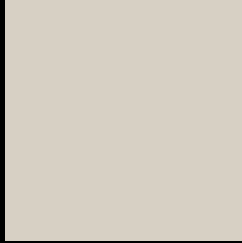
Large Text (above 18pt) WCAG AA × Fail

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 60.5440, 63.5443, 61.2988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

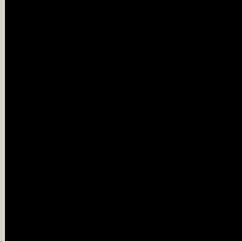
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5440, 63.5443, 61.2988

Background



This preview shows how black text looks on a background with the XYZ color 60.5440, 63.5443, 61.2988.

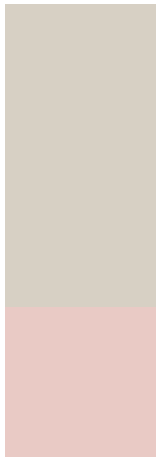


This preview shows how white text looks on a background with the XYZ color 60.5440, 63.5443,

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

60.5440, 63.5443, 61.2988

Protanopia

60.5440, 63.5443, 61.2988

Deuteranopia

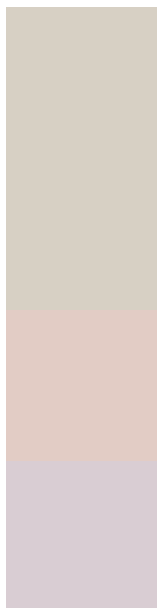
64.8028, 63.5959, 61.6831



Tritanopia

63.4246, 63.2585, 76.5774

Trichromacy



Original Color

60.5440, 63.5443, 61.2988

Protanomaly

60.5440, 63.5443, 61.2988

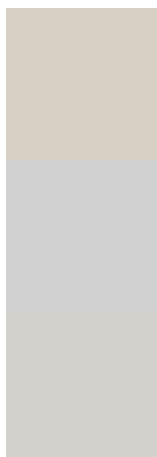
Deuteranomaly

63.0349, 63.3857, 61.7357

Tritanomaly

62.2045, 63.1175, 70.5324

Monochromacy



Original Color

60.5440, 63.5443, 61.2988

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.5635, 63.8094, 66.2512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5440, 63.5443, 61.2988 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(215, 208, 196) looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 196)  
}
```

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(215, 208, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 196) }
```

Border

The CSS property to change the border of an element to XYZ 60.5440, 63.5443, 61.2988 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(215, 208, 196) }
```


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

```
.border{ border-color:rgb(215, 208, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 196);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5440, 63.5443, 61.2988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 196) }
```

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

```
.background{ background-color: rgb(215,  
208, 196) }
```

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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