

Converting Colors

XYZ(64.0413, 70.1330, 57.4941)

Have a look what the booklet for
XYZ(64.0413, 70.1330, 57.4941)
contains.

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Color

**XYZ(63.8837, 69.8773,
57.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDCBC
RGB	219, 220, 188
RGB Percent	86%, 86%, 74%
CMY	0.1412, 0.1372, 0.2627
CMYK	0.00, 0.00, 0.15, 0.14
HSL	62°, 31%, 80%
HSV	62°, 15%, 86%
XYZ	63.8837, 69.8773, 57.6976
YIQ	216.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

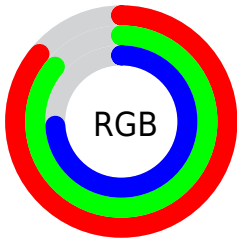
Format	Color
RYB	188, 220, 189
Decimal	14408892
CIELab	86.94, -5.71, 15.63
CIELCh	87, 16.644, 110.074
Yxy	69.8773, 0.3337, 0.3650
Android (android.graphics.Color)	4292598972 (0xFFDBDCBC)
YUV	216.0530, -13.8301, 2.5845
Hunter-Lab	83.5926, -9.8727, 17.5915

Details

The XYZ color **63.8837, 69.8773, 57.6976** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.8905, 51.9545, 75.0072**, and the grayscale version is **65.3946, 68.8002, 74.9234**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **33.1381, 36.5520, 28.2304** is the 20% darker color. If you saturate the color by 10%, you get **61.4839, 68.8958, 46.1347**, and if you desaturate by 10%, it is **66.6497, 71.0101, 71.1678**.

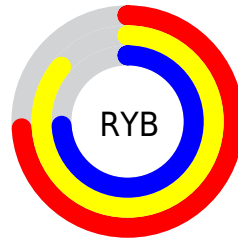
Distribution



Red (86%)

Green (86%)

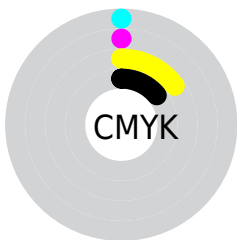
Blue (74%)



Red (74%)

Yellow (86%)

Blue (74%)

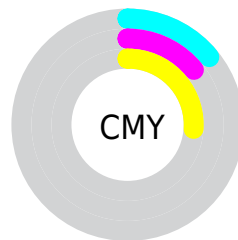


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (14%)



Cyan (14%)


Magenta (14%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.8837, 69.8773, 57.6976 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 63.8837, 69.8773, 57.6976 by changing the saturation by 10% instead.


 63.8837, 69.8773,
57.6976

 63.8837, 69.8773,
57.6976


428.3784,
460.1191, 433.6249

 46.8178, 51.4265,
41.1525


 109.5181,
119.0338, 102.9928

 33.0990, 36.5482,
28.1177


138.8173,
150.5082, 132.5799

 22.3619, 24.8578,
18.1746


172.9250,
187.0927, 167.3515

 14.2411, 15.9712,
10.9046

212.2066,
229.1716, 207.7261

 8.3714, 9.5038,
5.8894

257.0274,
277.1293, 254.1222

 4.3873, 5.0712,
2.7102

307.7527,

 1.9235, 2.2891,

331.3501, 306.9583

0.9486

364.7479,
392.2186, 366.6531

■ 0.5904, 0.7679,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.8837, 69.8773,
57.6976

■ 63.8837, 69.8773,
57.6976

■ 61.4839, 68.8958,
46.1347

■ 66.6497, 71.0101,
71.1678

■ 59.4285, 68.0497,
36.3885

■ 69.7915, 72.2910,
86.6212

■ 57.7016, 67.3352,
28.3682

■ 73.3256, 73.7288,
104.1352

■ 56.2841, 66.7446,
21.9730

■ 73.6965, 73.9016,
104.9879

■ 55.1550, 66.2694,
17.0918

■ 73.9082, 74.0107,
104.9979

■ 54.2906, 65.9001,
13.5998

■ 74.1207, 74.1203,
105.0078

■ 53.6633, 65.6259,
11.3519

■ 74.3342, 74.2303,
105.0178

■ 53.2396, 65.4331,
10.1716

■ 74.5485, 74.3408,
105.0278

■ 53.0638, 65.3501,
9.8171

■ 74.7637, 74.4517,
105.0379

Harmonies

Analogous

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



67.7131, 69.8773, 56.8865



63.8837, 69.8773, 57.6976



60.8476, 69.8773, 63.1562

Triad

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



63.8837, 69.8773, 57.6976



61.7337, 69.8773, 93.7094



74.0543, 69.8773, 79.8345

Complementary

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



63.8837, 69.8773, 57.6976



51.8905, 51.9545, 75.0072

Split Complementary

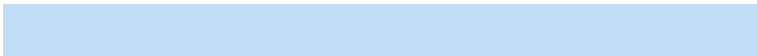
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.3147, 69.8773, 90.6666



63.8837, 69.8773, 57.6976



65.1361, 69.8773, 99.1783

Square

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



63.8837, 69.8773, 57.6976



59.6403, 69.8773, 83.6709



69.0149, 69.8773, 98.0135



73.6870, 69.8773, 68.9712

Rectangle

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



63.8837, 69.8773, 57.6976



59.6342, 69.8773, 69.0197



69.0149, 69.8773, 98.0135



73.6940, 69.8773, 83.6157

Sweetspot

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



63.8856, 69.8804, 57.6991



93.3332, 99.2997, 100.4738



56.6919, 55.0429, 55.2143



19.9101, 21.2269, 21.1772



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.



63.8856, 69.8804, 57.6991



88.3406, 97.2586, 76.1729



59.4288, 67.5828, 57.4905



14.1197, 15.2420, 13.9234



31.1595, 38.3608, 5.7621



2.0316, 2.4919, 0.3739

Inverse Universe

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



51.8905, 51.9545, 75.0072



68.9498, 68.2799, 104.1530



55.9519, 54.0482, 75.1973



12.3763, 12.6366, 16.4389



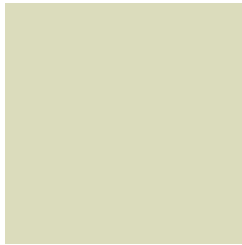
7.6497, 3.0678, 39.9274



0.5092, 0.2058, 2.5873

Previews

White Background



This preview shows how the XYZ color 63.8837, 69.8773, 57.6976 looks on a white background.

Color Contrast Check

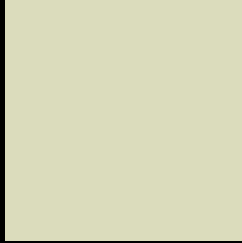
Large Text (above 18pt) WCAG AA × Fail

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 63.8837, 69.8773, 57.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

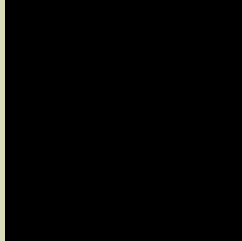
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

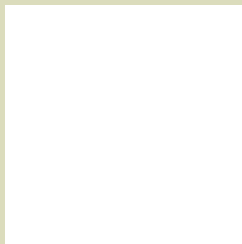
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.8837, 69.8773, 57.6976

Background



This preview shows how black text looks on a background with the XYZ color 63.8837, 69.8773, 57.6976.



This preview shows how white text looks on a background with the XYZ color 63.8837, 69.8773,

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

63.8837, 69.8773, 57.6976

Protanopia

66.0956, 69.8716, 57.0167

Deuteranopia

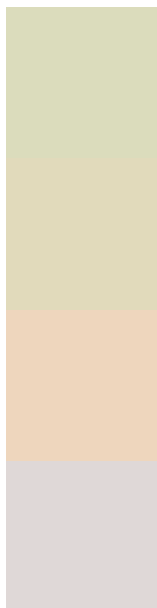
71.4078, 69.9506, 58.4534



Tritanopia

69.5217, 69.8702, 85.4234

Trichromacy



Original Color

63.8837, 69.8773, 57.6976

Protanomaly

65.0924, 69.7382, 57.0438

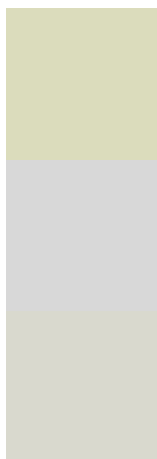
Deuteranomaly

68.4918, 69.9444, 58.0348

Tritanomaly

67.2530, 69.7060, 74.2000

Monochromacy



Original Color

63.8837, 69.8773, 57.6976

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

64.5687, 68.8337, 68.2756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.8837, 69.8773, 57.6976 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, 220, 188) looks like.

```
.text, #text, p{  
    color:rgb(219, 220, 188)  
}
```

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, 220, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 220, 188) }
```

Border

The CSS property to change the border of an element to XYZ 63.8837, 69.8773, 57.6976 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, 220, 188) }
```


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

```
.border{ border-color:rgb(219, 220, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 220, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 220, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 220, 188); box-shadow:4px 4px 4px 4px rgb(219, 220, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 63.8837, 69.8773, 57.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 220, 188) }
```

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

```
.background{ background-color: rgb(219,  
220, 188) }
```

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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