

Converting Colors

XYZ(59.8133, 62.1170, 47.1379)

Have a look what the booklet for
XYZ(59.8133, 62.1170, 47.1379)
contains.

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Color

**XYZ(59.6840, 61.9733,
47.3444)**

Conversions

Conversions Part 1

Format	Color
Hex	E0CCAB
RGB	224, 204, 171
RGB Percent	88%, 80%, 67%
CMY	0.1216, 0.2000, 0.3294
CMYK	0.00, 0.09, 0.24, 0.12
HSL	37°, 46%, 77%
HSV	37°, 24%, 88%
XYZ	59.6840, 61.9733, 47.3444
YIQ	206.2180, 22.5130, -6.0230

Conversions

Conversions Part 2

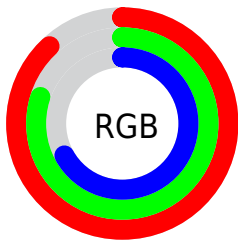
Format	Color
R_{YB}	203, 224, 171
Decimal	14732459
CIE Lab	82.90, 1.87, 19.00
CIE LCh	83, 19.089, 84.366
Yxy	61.9733, 0.3532, 0.3667
Android (android.graphics.Color)	4292922539 (0xFFE0CCAB)
YUV	206.2180, -17.3625, 15.5948
Hunter-Lab	78.7231, -2.4355, 19.4489

Details

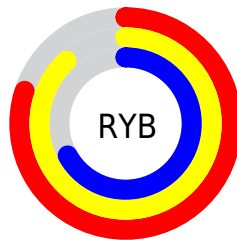
The XYZ color **59.6840, 61.9733, 47.3444** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.8795, 51.3000, 77.8469**, and the grayscale version is **58.9048, 61.9725, 67.4880**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **30.3846, 31.4694, 21.9255** is the 20% darker color. If you saturate the color by 10%, you get **55.7733, 57.2839, 36.3846**, and if you desaturate by 10%, it is **64.0689, 67.0311, 60.2488**.

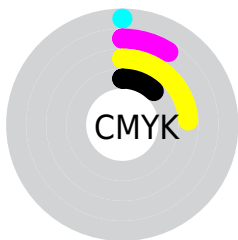
Distribution



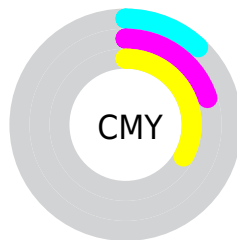
- Red (88%)
- Green (80%)
- Blue (67%)



- Red (80%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (20%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6840, 61.9733, 47.3444 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 59.6840, 61.9733, 47.3444 by changing the saturation by 10% instead.

■ 59.6840, 61.9733,
47.3444

■ 59.6840, 61.9733,
47.3444

413.2855,
431.8337, 392.6210

■ 43.4125, 45.0111,
32.9517

■ 103.4801,
107.6869, 87.5828

■ 30.4048, 31.4662,
21.8186

131.7354,
137.2072, 114.2657

■ 20.2956, 20.9541,
13.5267

164.7159,
171.6823, 145.8823

■ 12.7196, 13.0905,
7.6572

202.7871,
211.4966, 182.8512

■ 7.3114, 7.4909,
3.7918

246.3143,
257.0344, 225.5910

■ 3.7057, 3.7709,
1.5118

295.6629,

■ 1.5370, 1.5463,

308.6803, 274.5202

0.2267

351.1981,
366.8186, 330.0574

■ 0.3508, 0.3210,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6840, 61.9733,
47.3444

■ 59.6840, 61.9733,
47.3444

■ 55.7733, 57.2839,
36.3846

■ 64.0689, 67.0311,
60.2488

■ 52.3119, 52.9437,
27.2689

■ 68.9416, 72.4589,
75.1838

■ 49.2799, 48.9441,
19.8937

■ 74.3214, 78.2693,
92.2347

■ 46.6536, 45.2729,
14.1434

■ 79.3095, 84.1052,
106.6616

■ 44.4066, 41.9163,
9.8880

■ 81.8254, 89.1370,
107.5002

■ 42.5088, 38.8595,
6.9778

■ 84.4583, 94.4028,
108.3779

■ 40.9237, 36.0846,
5.2308

■ 84.5506, 94.5874,
108.4086

■ 40.0446, 34.4555,
4.5400

Harmonies

Analogous

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



63.6353, 61.9733, 50.6841



59.6840, 61.9733, 47.3444



55.6990, 61.9733, 48.8679

Triad

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



59.6840, 61.9733, 47.3444



51.9855, 61.9733, 77.2669



65.5722, 61.9733, 81.5616

Complementary

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



59.6840, 61.9733, 47.3444



48.8795, 51.3000, 77.8469

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.



62.2292, 61.9733, 90.2994



59.6840, 61.9733, 47.3444



54.4128, 61.9733, 87.6246

Square

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



59.6840, 61.9733, 47.3444



51.3745, 61.9733, 65.2780



58.1304, 61.9733, 92.6377



67.1349, 61.9733, 69.7277

Rectangle

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



59.6840, 61.9733, 47.3444



53.5420, 61.9733, 52.5391



58.1304, 61.9733, 92.6377



64.6121, 61.9733, 85.0109

Sweetspot

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



59.6856, 61.9761, 47.3457



90.1972, 94.6815, 93.7572



54.7428, 48.7494, 55.9981



19.2197, 20.1701, 19.8025



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.



59.6856, 61.9761, 47.3457



77.6106, 80.2255, 56.5224



62.8654, 71.1291, 48.9448



14.4146, 15.1152, 14.4646



23.4228, 20.2835, 2.6806



1.7089, 1.5766, 0.2143

Inverse Universe

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



48.8795, 51.3000, 77.8469



60.9009, 63.7198, 103.6971



46.1914, 43.8771, 76.5558



13.3737, 14.0864, 17.4018



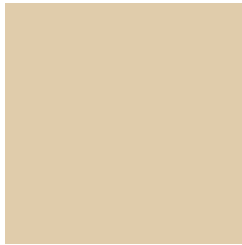
9.8020, 7.0736, 41.8971



0.7637, 0.6588, 2.9322

Previews

White Background



This preview shows how the XYZ color 59.6840, 61.9733, 47.3444 looks on a white background.

Color Contrast Check

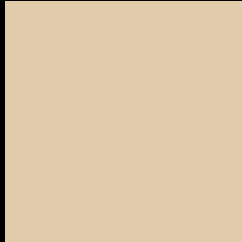
Large Text (above 18pt) WCAG AA × Fail

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 59.6840, 61.9733, 47.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

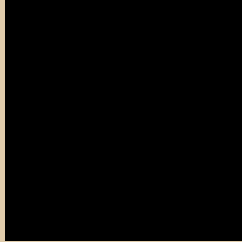
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6840, 61.9733, 47.3444

Background



This preview shows how black text looks on a background with the XYZ color 59.6840, 61.9733, 47.3444.



This preview shows how white text looks on a background with the XYZ color 59.6840, 61.9733,

47.3444.

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

59.6840, 61.9733, 47.3444

Protanopia

58.4311, 62.0266, 47.9224

Deuteranopia

63.1297, 62.0025, 47.6701



Tritanopia

64.6448, 61.9012, 72.1593

Trichromacy



Original Color

59.6840, 61.9733, 47.3444

Protanomaly

58.7929, 61.8568, 47.8706

Deuteranomaly

61.9373, 62.0755, 47.7470

Tritanomaly

62.5259, 61.7167, 62.0431

Monochromacy



Original Color

59.6840, 61.9733, 47.3444

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8975, 61.6590, 59.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6840, 61.9733, 47.3444 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(224, 204, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 171)  
}
```

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(224, 204, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 171) }
```

Border

The CSS property to change the border of an element to XYZ 59.6840, 61.9733, 47.3444 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(224, 204, 171) }
```


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

```
.border{ border-color:rgb(224, 204, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 204, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6840, 61.9733, 47.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 171) }
```

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

```
.background{ background-color: rgb(224,  
204, 171) }
```

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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