

Converting Colors

XYZ(58.8041, 60.2982, 47.4965)

Have a look what the booklet for
XYZ(58.8041, 60.2982, 47.4965)
contains.

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Color

**XYZ(59.0735, 60.5991,
47.6130)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9AC
RGB	224, 201, 172
RGB Percent	88%, 79%, 67%
CMY	0.1216, 0.2117, 0.3255
CMYK	0.00, 0.10, 0.23, 0.12
HSL	33°, 46%, 78%
HSV	33°, 23%, 88%
XYZ	59.0735, 60.5991, 47.6130
YIQ	204.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

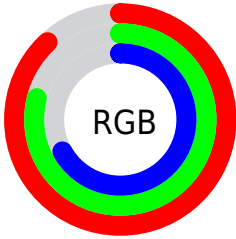
Format	Color
R _Y B	213, 224, 172
Decimal	14731692
CIE Lab	82.16, 3.58, 17.44
CIE LCh	82, 17.806, 78.390
Yxy	60.5991, 0.3531, 0.3622
Android (android.graphics.Color)	4292921772 (0xFFE0C9AC)
YUV	204.5710, -16.0575, 17.0392
Hunter-Lab	77.8454, -0.7736, 18.2279

Details

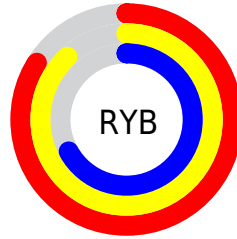
The XYZ color **59.0735, 60.5991, 47.6130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9826, 53.1814, 78.1520**, and the grayscale version is **57.8456, 60.8581, 66.2745**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **29.9723, 30.5483, 22.0860** is the 20% darker color. If you saturate the color by 10%, you get **54.8662, 55.3417, 36.4765**, and if you desaturate by 10%, it is **63.7956, 66.3049, 60.7115**.

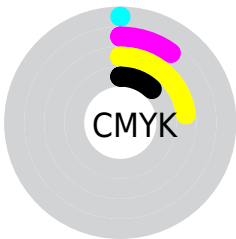
Distribution



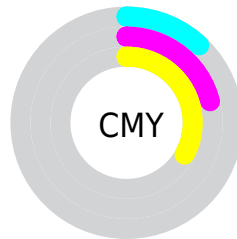
- Red (88%)
- Green (79%)
- Blue (67%)



- Red (84%)
- Yellow (88%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0735, 60.5991, 47.6130 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 59.0735, 60.5991, 47.6130 by changing the saturation by 10% instead.

■ 59.0735, 60.5991,
47.6130

■ 59.0735, 60.5991,
47.6130

411.0639,
426.8025, 393.7205

■ 42.9189, 43.9017,
33.1627

■ 102.5985,
105.6982, 87.9875

■ 30.0157, 30.5932,
21.9790

130.6996,
134.8688, 114.7487

■ 19.9987, 20.2893,
13.6433

163.5136,
168.9658, 146.4507

■ 12.5023, 12.6055,
7.7371

201.4058,
208.3738, 183.5119

■ 7.1614, 7.1575,
3.8418

244.7415,
253.4771, 226.3510

■ 3.6105, 3.5608,
1.5390

293.8862,

■ 1.4842, 1.4310,

304.6600, 275.3864

0.2467

349.2053,
362.3070, 331.0367

■ 0.3151, 0.2394,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0735, 60.5991,
47.6130

■ 59.0735, 60.5991,
47.6130

■ 54.8662, 55.3417,
36.4765

■ 63.7956, 66.3049,
60.7115

■ 51.1479, 50.5116,
27.2015

■ 69.0474, 72.4632,
75.8581

■ 47.8976, 46.0980,
19.6845

■ 74.8488, 79.0881,
93.1383

■ 45.0907, 42.0863,
13.8099

■ 80.1361, 85.7583,
106.9371

■ 42.6997, 38.4606,
9.4483

■ 83.1425, 91.7712,
107.9393

■ 40.6933, 35.2033,
6.4503

■ 84.5506, 94.5874,
108.4086

■ 39.0342, 32.2943,
4.6356

■ 38.0670, 30.5001,
3.8808

Harmonies

Analogous

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



62.5626, 60.5991, 51.6042



59.0735, 60.5991, 47.6130



55.3339, 60.5991, 48.1276

Triad

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



59.0735, 60.5991, 47.6130



50.9693, 60.5991, 72.7725



63.2073, 60.5991, 80.8000

Complementary

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



59.0735, 60.5991, 47.6130



49.9826, 53.1814, 78.1520

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.



59.9222, 60.5991, 87.7824



59.0735, 60.5991, 47.6130



52.9025, 60.5991, 82.8096

Square

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



59.0735, 60.5991, 47.6130



50.7644, 60.5991, 61.8790



56.1465, 60.5991, 88.5556



65.0181, 60.5991, 70.2627

Rectangle

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



59.0735, 60.5991, 47.6130



53.1989, 60.5991, 50.9682



56.1465, 60.5991, 88.5556



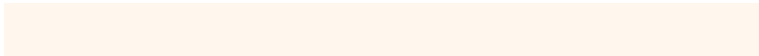
62.2323, 60.5991, 83.6881

Sweetspot

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



59.0751, 60.6018, 47.6143



89.8413, 93.9698, 93.6386



55.3892, 49.3113, 58.4666



19.1373, 20.0052, 19.7750



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.



59.0751, 60.6018, 47.6143



76.3513, 77.7069, 56.1027



64.0433, 71.7253, 49.4995



14.3381, 14.9622, 14.4391



22.2741, 17.9861, 2.2977



1.6327, 1.4244, 0.1889

Inverse Universe

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



49.9826, 53.1814, 78.1520



62.0664, 66.0509, 104.0856



45.7973, 43.9554, 76.5918



13.4484, 14.2359, 17.4267



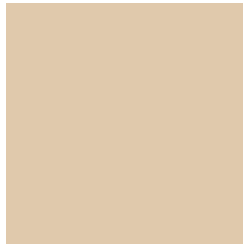
10.5424, 8.5543, 42.1439



0.8189, 0.7692, 2.9506

Previews

White Background



This preview shows how the XYZ color 59.0735, 60.5991, 47.6130 looks on a white background.

Color Contrast Check

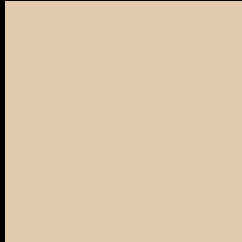
Large Text (above 18pt) WCAG AA × Fail

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 59.0735, 60.5991, 47.6130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

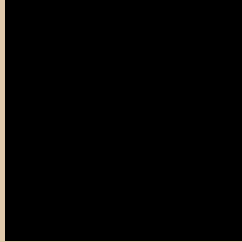
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0735, 60.5991, 47.6130

Background



This preview shows how black text looks on a background with the XYZ color 59.0735, 60.5991, 47.6130.



This preview shows how white text looks on a background with the XYZ color 59.0735, 60.5991,

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

59.0735, 60.5991, 47.6130

Protanopia

57.1600, 60.6499, 48.2291

Deuteranopia

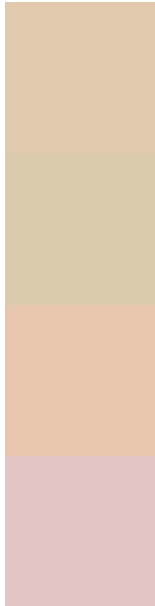
61.7700, 60.6118, 47.9788



Tritanopia

63.5861, 60.3914, 69.9334

Trichromacy



Original Color

59.0735, 60.5991, 47.6130

Protanomaly

57.8122, 60.6344, 48.1917

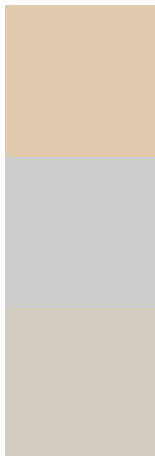
Deuteranomaly

60.6919, 60.3942, 47.9936

Tritanomaly

61.7228, 60.2946, 61.2082

Monochromacy



Original Color

59.0735, 60.5991, 47.6130

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3699, 61.0330, 59.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0735, 60.5991, 47.6130 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, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 172)  
}
```

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, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 172) }
```

Border

The CSS property to change the border of an element to XYZ 59.0735, 60.5991, 47.6130 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, 201, 172) }
```


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

```
.border{ border-color:rgb(224, 201, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0735, 60.5991, 47.6130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 172) }
```

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

```
.background{ background-color: rgb(224,  
201, 172) }
```

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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