

Converting Colors

XYZ(61.2897, 60.8609, 41.4069)

Have a look what the booklet for
XYZ(61.2897, 60.8609, 41.4069)
contains.

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Color

**XYZ(61.3771, 60.8959,
41.3200)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC69F
RGB	237, 198, 159
RGB Percent	93%, 78%, 62%
CMY	0.0706, 0.2235, 0.3765
CMYK	0.00, 0.16, 0.33, 0.07
HSL	30°, 68%, 78%
HSV	30°, 33%, 93%
XYZ	61.3771, 60.8959, 41.3200
YIQ	205.2150, 35.7630, -3.8610

Conversions

Conversions Part 2

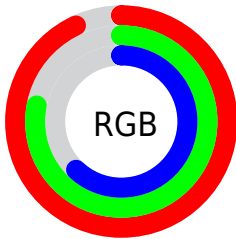
Format	Color
R _Y B	237, 237, 159
Decimal	15582879
CIE Lab	82.32, 8.37, 24.72
CIE LCh	82, 26.102, 71.297
Yxy	60.8959, 0.3752, 0.3722
Android (android.graphics.Color)	4293772959 (0xFFEDC69F)
YUV	205.2150, -22.7840, 27.8754
Hunter-Lab	78.0358, 3.8320, 23.2310

Details

The XYZ color **61.3771, 60.8959, 41.3200** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.7775, 53.8716, 87.8955**, and the grayscale version is **58.2910, 61.3267, 66.7848**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **31.4495, 30.7114, 18.1802** is the 20% darker color. If you saturate the color by 10%, you get **56.9116, 54.9466, 30.6394**, and if you desaturate by 10%, it is **66.4519, 67.4324, 54.1504**.

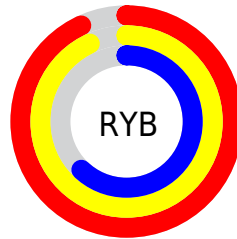
Distribution



Red (93%)

Green (78%)

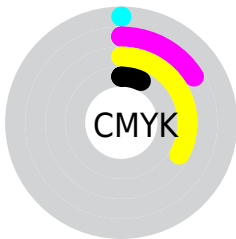
Blue (62%)



Red (93%)

Yellow (93%)

Blue (62%)

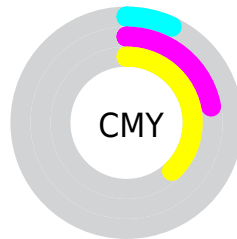


Cyan (0%)

Magenta (16%)

Yellow (33%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3771, 60.8959, 41.3200 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 61.3771, 60.8959, 41.3200 by changing the saturation by 10% instead.


 61.3771, 60.8959,
41.3200


 61.3771, 60.8959,
41.3200


419.4092,
427.8922, 367.3724

 44.7833, 44.1412,
28.2476


 105.9198,
106.1282, 78.4284

 31.4873, 30.7815,
18.2717


 134.5993,
135.3745, 103.3014

 21.1238, 20.4325,
10.9738

168.0382,
169.5535, 132.9452

 13.3275, 12.7098,
5.9353

206.6017,
209.0496, 167.7781

 7.7330, 7.2290,
2.7376

250.6552,
254.2471, 208.2187

 3.9750, 3.6058,
0.9623

300.5640,

 1.6880, 1.4556,

305.5304, 254.6856

0.0000

356.6936,
363.2840, 307.5974

■ 0.4487, 0.2571,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3771, 60.8959,
41.3200

■ 61.3771, 60.8959,
41.3200

■ 56.9116, 54.9466,
30.6394

■ 66.4519, 67.4324,
54.1504

■ 53.0234, 49.5573,
21.9841

■ 72.1569, 74.5651,
69.2381

■ 49.6841, 44.7108,
15.2226

■ 78.5175, 82.3138,
86.6876

■ 46.8606, 40.3857,
10.2060

■ 85.5561, 90.6945,
106.5959

■ 44.5151, 36.5582,
6.7627

■ 88.7350, 96.7445,
108.6045

■ 42.6032, 33.2014,
4.6853

■ 41.4644, 31.0833,
3.8143

Harmonies

Analogous

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



66.2918, 60.8959, 48.0763



61.3771, 60.8959, 41.3200



55.8098, 60.8959, 40.5775

Triad

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



61.3771, 60.8959, 41.3200



48.0132, 60.8959, 72.4882



65.2284, 60.8959, 92.0803

Complementary

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



61.3771, 60.8959, 41.3200



49.7775, 53.8716, 87.8955

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.



60.0002, 60.8959, 101.1029



61.3771, 60.8959, 41.3200



50.2112, 60.8959, 88.6423

Square

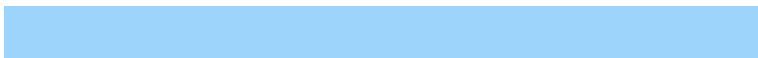
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3771, 60.8959, 41.3200



48.3295, 60.8959, 56.9612



54.5178, 60.8959, 99.7526



68.6118, 60.8959, 76.6191

Rectangle

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



61.3771, 60.8959, 41.3200



52.5001, 60.8959, 43.4266



54.5178, 60.8959, 99.7526



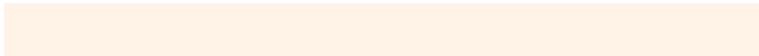
63.6149, 60.8959, 96.0705

Sweetspot

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



61.3787, 60.8987, 41.3212



87.2799, 90.5993, 87.3826



57.5166, 46.8786, 59.4436



18.4614, 19.1220, 18.1056



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.



61.3787, 60.8987, 41.3212



69.1015, 67.4426, 40.6288



71.4674, 81.0761, 44.6841



15.6878, 16.2986, 15.8378



22.7694, 17.2331, 2.1262



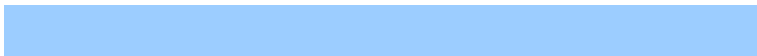
1.8842, 1.5456, 0.1990

Inverse Universe

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



49.7775, 53.8716, 87.8955



53.5689, 58.0342, 102.9861



41.9829, 38.2823, 85.2972



14.8534, 15.7932, 19.1878



12.0452, 10.7374, 45.1806



1.0420, 1.0356, 3.5798

Previews

White Background



This preview shows how the XYZ color 61.3771, 60.8959, 41.3200 looks on a white background.

Color Contrast Check

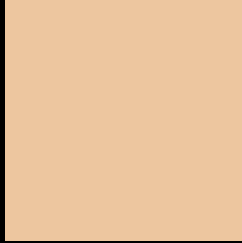
Large Text (above 18pt) WCAG AA × Fail

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 61.3771, 60.8959, 41.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

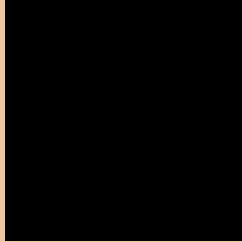
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3771, 60.8959, 41.3200

Background



This preview shows how black text looks on a background with the XYZ color 61.3771, 60.8959, 41.3200.



This preview shows how white text looks on a background with the XYZ color 61.3771, 60.8959,

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

61.3771, 60.8959, 41.3200

Protanopia

57.2664, 61.1767, 42.9724

Deuteranopia

62.1594, 60.9610, 41.2914



Tritanopia

66.3893, 60.5951, 66.5894

Trichromacy



Original Color

61.3771, 60.8959, 41.3200

Protanomaly

58.6049, 60.8218, 42.3692

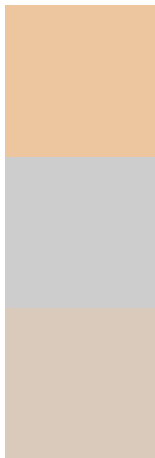
Deuteranomaly

61.8209, 60.7864, 41.2755

Tritanomaly

64.4123, 60.7830, 56.4815

Monochromacy



Original Color

61.3771, 60.8959, 41.3200

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8129, 60.6236, 56.1787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3771, 60.8959, 41.3200 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(237, 198, 159)` looks like.

```
.text, #text, p{  
    color:rgb(237, 198, 159)  
}
```

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(237, 198, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 198, 159) }
```

Border

The CSS property to change the border of an element to XYZ 61.3771, 60.8959, 41.3200 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(237, 198, 159) }
```


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

```
.border{ border-color:rgb(237, 198, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 198, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(237, 198,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3771, 60.8959, 41.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 198, 159) }
```

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

```
.background{ background-color: rgb(237,  
198, 159) }
```

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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