

Converting Colors

XYZ(60.6369, 60.7498, 37.9451)

Have a look what the booklet for
XYZ(60.6369, 60.7498, 37.9451)
contains.

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Color

**XYZ(60.3721, 60.4554,
37.7653)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC697
RGB	236, 198, 151
RGB Percent	93%, 78%, 59%
CMY	0.0745, 0.2235, 0.4078
CMYK	0.00, 0.16, 0.36, 0.07
HSL	33°, 69%, 76%
HSV	33°, 36%, 93%
XYZ	60.3721, 60.4554, 37.7653
YIQ	204.0040, 37.7350, -6.5610

Conversions

Conversions Part 2

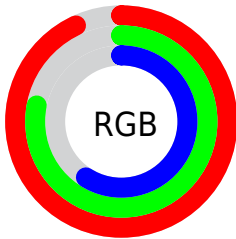
Format	Color
R _Y B	220, 236, 151
Decimal	15517335
CIE Lab	82.09, 7.02, 28.59
CIE LCh	82, 29.441, 76.201
Yxy	60.4554, 0.3807, 0.3812
Android (android.graphics.Color)	4293707415 (0xFFECC697)
YUV	204.0040, -26.1310, 28.0605
Hunter-Lab	77.7531, 2.5301, 25.6295

Details

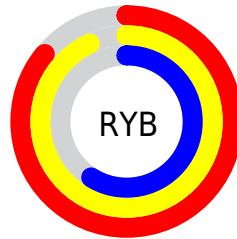
The XYZ color **60.3721, 60.4554, 37.7653** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.0999, 49.0291, 86.3908**, and the grayscale version is **57.5416, 60.5382, 65.9261**.

A 20% lighter version of the original color is **88.1406, 97.2362, 72.5155**, and **30.8639, 30.4503, 16.3074** is the 20% darker color. If you saturate the color by 10%, you get **56.3165, 55.1105, 27.8855**, and if you desaturate by 10%, it is **64.9824, 66.2954, 49.7241**.

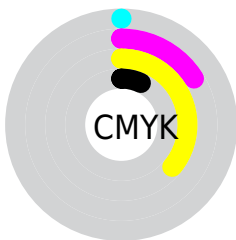
Distribution



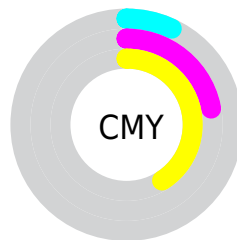
- Red (93%)
- Green (78%)
- Blue (59%)



- Red (86%)
- Yellow (93%)
- Blue (59%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (7%)





- Cyan (7%)
- Magenta (22%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3721, 60.4554, 37.7653 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 60.3721, 60.4554, 37.7653 by changing the saturation by 10% instead.


 60.3721, 60.4554,
37.7653


 60.3721, 60.4554,
37.7653


415.7808,
426.2743, 351.8800

 43.9692, 43.7858,
25.5002


 104.4725,
105.4900, 72.9477

 30.8441, 30.5022,
16.2277

 132.9008,
134.6238, 96.7020

 20.6314, 20.2200,
9.5293


166.0683,
168.6811, 125.1232

 12.9658, 12.5551,
4.9865

204.3403,
208.0463, 158.6297

 7.4818, 7.1229,
2.1807

248.0822,
253.1039, 197.6401

 3.8142, 3.5391,
0.6632

297.6593,

 1.5976, 1.4192,

304.2381, 242.5729

0.0000

353.4371,
361.8335, 293.8467

■ 0.3908, 0.2308,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3721, 60.4554,
37.7653

■ 60.3721, 60.4554,
37.7653

■ 56.3165, 55.1105,
27.8855

■ 64.9824, 66.2954,
49.7241

■ 52.7846, 50.2361,
19.9585

■ 70.1672, 72.6369,
63.8704

■ 49.7490, 45.8180,
13.8503

■ 75.9509, 79.4972,
80.3096

■ 47.1772, 41.8373,
9.4079

■ 82.3548, 86.8897,
99.1391

■ 45.0318, 38.2731,
6.4530

■ 87.0618, 93.8924,
108.1421

■ 43.2673, 35.1009,
4.7647

■ 88.4021, 96.5729,
108.5889

■ 42.6425, 33.9337,
4.3024

Harmonies

Analogous

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



66.1764, 60.4554, 43.9992



60.3721, 60.4554, 37.7653



54.1765, 60.4554, 38.0234

Triad

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



60.3721, 60.4554, 37.7653



46.6872, 60.4554, 75.8910



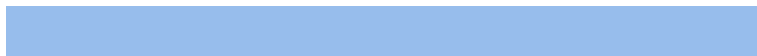
66.5681, 60.4554, 92.6029

Complementary

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



60.3721, 60.4554, 37.7653



46.0999, 49.0291, 86.3908

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.



60.8758, 60.4554, 104.6664



60.3721, 60.4554, 37.7653



49.5466, 60.4554, 93.8880

Square

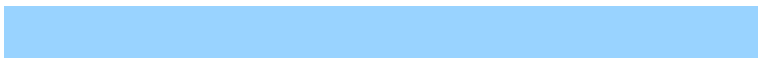
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.3721, 60.4554, 37.7653



46.5739, 60.4554, 57.9614



54.6451, 60.4554, 105.1753



69.9249, 60.4554, 74.3710

Rectangle

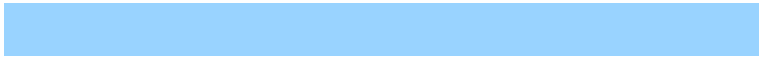
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.3721, 60.4554, 37.7653



50.6588, 60.4554, 41.7982



54.6451, 60.4554, 105.1753



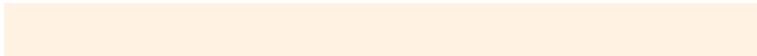
64.8465, 60.4554, 97.6478

Sweetspot

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



60.3736, 60.4582, 37.7665



86.9879, 90.5827, 85.5363



54.8716, 43.6518, 53.8207



18.4196, 19.1514, 17.7431



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.



60.3736, 60.4582, 37.7665



68.4459, 67.4513, 36.3417



68.7792, 79.3394, 40.9680



15.7561, 16.4353, 15.8606



23.6365, 18.9673, 2.4153



1.9518, 1.6810, 0.2216

Inverse Universe

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



46.0999, 49.0291, 86.3908



49.1616, 52.0172, 102.0570



39.7732, 35.1835, 84.0518



14.7855, 15.6575, 19.1652



11.2828, 9.2126, 44.9265



0.9807, 0.9128, 3.5594

Previews

White Background



This preview shows how the XYZ color 60.3721, 60.4554, 37.7653 looks on a white background.

Color Contrast Check

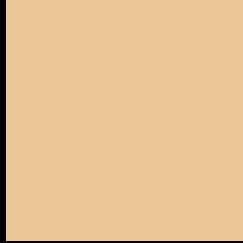
Large Text (above 18pt) WCAG AA × Fail

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 60.3721, 60.4554, 37.7653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

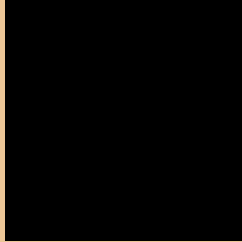
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3721, 60.4554, 37.7653

Background



This preview shows how black text looks on a background with the XYZ color 60.3721, 60.4554, 37.7653.



This preview shows how white text looks on a background with the XYZ color 60.3721, 60.4554,

37.7653.

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

60.3721, 60.4554, 37.7653

Protanopia

56.6390, 60.5789, 39.2795

Deuteranopia

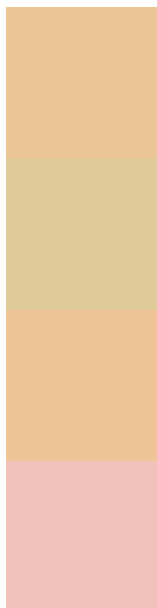
61.6015, 60.4150, 37.6927



Tritanopia

66.2682, 60.5466, 65.9516

Trichromacy



Original Color

60.3721, 60.4554, 37.7653

Protanomaly

57.9216, 60.5485, 38.7712

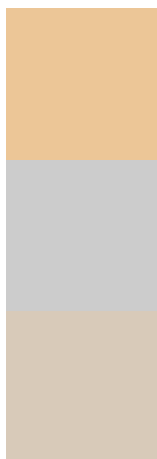
Deuteranomaly

61.1488, 60.5176, 37.7363

Tritanomaly

63.9839, 60.6116, 54.2258

Monochromacy



Original Color

60.3721, 60.4554, 37.7653

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1964, 60.3428, 54.4790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3721, 60.4554, 37.7653 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(236, 198, 151)` looks like.

```
.text, #text, p{  
    color:rgb(236, 198, 151)  
}
```

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(236, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 198, 151) }
```

Border

The CSS property to change the border of an element to XYZ 60.3721, 60.4554, 37.7653 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(236, 198, 151) }
```


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

```
.border{ border-color:rgb(236, 198, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 198, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 198, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 198, 151);  
box-shadow:4px 4px 4px 4px rgb(236, 198,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3721, 60.4554, 37.7653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 198, 151) }
```

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

```
.background{ background-color: rgb(236,  
198, 151) }
```

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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