

Converting Colors

XYZ(60.0293, 54.3864, 37.4711)

Have a look what the booklet for
XYZ(60.0293, 54.3864, 37.4711)
contains.

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Color

**XYZ(60.0771, 54.5353,
37.4969)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B499
RGB	246, 180, 153
RGB Percent	96%, 71%, 60%
CMY	0.0353, 0.2941, 0.4000
CMYK	0.00, 0.27, 0.38, 0.04
HSL	17°, 84%, 78%
HSV	17°, 38%, 96%
XYZ	60.0771, 54.5353, 37.4969
YIQ	196.6560, 48.0030, 5.5950

Conversions

Conversions Part 2

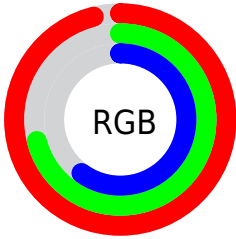
Format	Color
R _Y B	246, 191, 153
Decimal	16168089
CIE Lab	78.77, 20.60, 23.21
CIE LCh	79, 31.035, 48.417
Yxy	54.5353, 0.3950, 0.3585
Android (android.graphics.Color)	4294358169 (0xFFFF6B499)
YUV	196.6560, -21.5224, 43.2747
Hunter-Lab	73.8480, 15.9799, 21.5887

Details

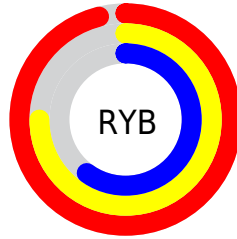
The XYZ color **60.0771, 54.5353, 37.4969** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.1019, 64.0867, 96.6546**, and the grayscale version is **52.9701, 55.7287, 60.6885**.

A 20% lighter version of the original color is **82.4979, 85.7559, 71.2359**, and **30.7267, 26.8294, 16.1295** is the 20% darker color. If you saturate the color by 10%, you get **54.9462, 47.1967, 26.7748**, and if you desaturate by 10%, it is **66.0735, 62.9343, 50.5750**.

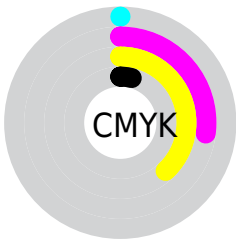
Distribution



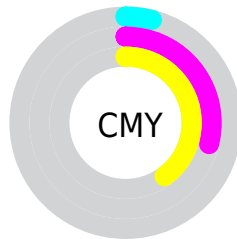
- Red (96%)
- Green (71%)
- Blue (60%)



- Red (96%)
- Yellow (75%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0771, 54.5353, 37.4969 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 60.0771, 54.5353, 37.4969 by changing the saturation by 10% instead.


 60.0771, 54.5353,
37.4969


 60.0771, 54.5353,
37.4969


414.7121,
404.1480, 350.6901

 43.7305, 39.0298,
25.2937


 104.0472, 96.8598,
72.5312

 30.6557, 26.7829,
16.0750


 132.4014,
124.4475, 96.1993

 20.4873, 17.4102,
9.4223

165.4889,
156.8315, 124.5262

 12.8601, 10.5274,
4.9171

203.6749,
194.3960, 157.9303

 7.4086, 5.7500,
2.1408

247.3249,
237.5255, 196.8302

 3.7675, 2.6937,
0.6399

296.8042,

 1.5715, 0.9740,

286.6044, 241.6445

0.0000

352.4781,
342.0171, 292.7916

■ 0.3737, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0771, 54.5353,
37.4969

■ 60.0771, 54.5353,
37.4969

■ 54.9462, 47.1967,
26.7748

■ 66.0735, 62.9343,
50.5750

■ 50.6343, 40.8676,
18.2634

■ 72.9706, 72.4266,
66.1360

■ 47.0965, 35.5040,
11.8063

■ 80.8064, 83.0533,
84.3013

■ 44.2815, 31.0556,
7.2250

■ 89.6157, 94.8507,
105.1837

■ 42.1305, 27.4668,
4.3095

■ 91.8161, 98.3328,
108.7487

■ 40.5698, 24.6731,
2.7792

■ 40.2870, 24.1547,
2.5390

Harmonies

Analogous

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



63.8704, 54.5353, 49.3188



60.0771, 54.5353, 37.4969



54.2426, 54.5353, 32.0191

Triad

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



60.0771, 54.5353, 37.4969



41.1008, 54.5353, 52.8421



55.6569, 54.5353, 97.6132

Complementary

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



60.0771, 54.5353, 37.4969



55.1019, 64.0867, 96.6546

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.



49.4981, 54.5353, 99.0746



60.0771, 54.5353, 37.4969



41.4139, 54.5353, 70.7234

Square

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



60.0771, 54.5353, 37.4969



43.4900, 54.5353, 39.6356



44.3820, 54.5353, 88.4534



61.1827, 54.5353, 84.7852

Rectangle

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



60.0771, 54.5353, 37.4969



50.1240, 54.5353, 31.8045



44.3820, 54.5353, 88.4534



53.5828, 54.5353, 99.5318

Sweetspot

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



60.0785, 54.5379, 37.4980



84.8338, 86.2745, 84.8183



62.2695, 47.5246, 73.3589



17.9074, 18.1270, 17.5723



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.



60.0785, 54.5379, 37.4980



61.0454, 53.2675, 31.9719



70.9116, 76.2041, 41.1090



16.8911, 17.2664, 17.2401



21.6079, 13.1013, 1.3899



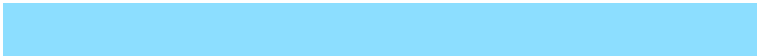
1.9839, 1.3210, 0.1504

Inverse Universe

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



55.1019, 64.0867, 96.6546



54.9434, 64.8893, 104.2368



44.7443, 43.3714, 93.2021



16.5665, 17.8973, 21.1239



17.1431, 20.0800, 49.5103



1.5949, 1.9412, 4.3809

Previews

White Background



This preview shows how the XYZ color 60.0771, 54.5353, 37.4969 looks on a white background.

Color Contrast Check

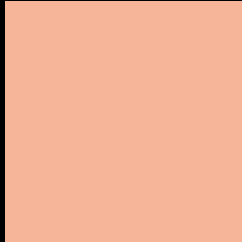
Large Text (above 18pt) WCAG AA × Fail

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 60.0771, 54.5353, 37.4969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

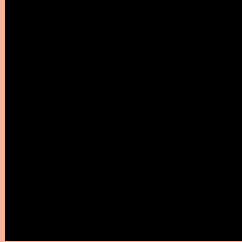
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0771, 54.5353, 37.4969

Background



This preview shows how black text looks on a background with the XYZ color 60.0771, 54.5353, 37.4969.



This preview shows how white text looks on a background with the XYZ color 60.0771, 54.5353,

37.4969.

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

60.0771, 54.5353, 37.4969

Protanopia

51.5924, 54.8337, 41.1225

Deuteranopia

55.7509, 54.4657, 37.2803



Tritanopia

63.4740, 54.4305, 54.7377

Trichromacy



Original Color

60.0771, 54.5353, 37.4969

Protanomaly

54.3181, 54.6334, 39.5807

Deuteranomaly

57.0689, 54.2101, 37.1615

Tritanomaly

62.1714, 54.4959, 47.7994

Monochromacy



Original Color

60.0771, 54.5353, 37.4969

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.9956, 55.0449, 51.4422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0771, 54.5353, 37.4969 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(246, 180, 153)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 153)  
}
```

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(246, 180, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 153) }
```

Border

The CSS property to change the border of an element to XYZ 60.0771, 54.5353, 37.4969 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(246, 180, 153) }
```


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

```
.border{ border-color:rgb(246, 180, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 153);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0771, 54.5353, 37.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 153) }
```

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

```
.background{ background-color: rgb(246,  
180, 153) }
```

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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