

Converting Colors

XYZ(61.6864, 52.9541, 37.1126)

Have a look what the booklet for
XYZ(61.6864, 52.9541, 37.1126)
contains.

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Color

**XYZ(61.7423, 53.0650,
37.1254)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC99
RGB	255, 172, 153
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3255, 0.4000
CMYK	0.00, 0.33, 0.40, 0.00
HSL	11°, 100%, 80%
HSV	11°, 40%, 100%
XYZ	61.7423, 53.0650, 37.1254
YIQ	194.6510, 55.5670, 11.6870

Conversions

Conversions Part 2

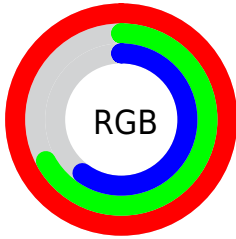
Format	Color
R _Y B	255, 176, 153
Decimal	16755865
CIE Lab	77.91, 28.23, 22.20
CIE LCh	78, 35.912, 38.176
Yxy	53.0650, 0.4064, 0.3493
Android (android.graphics.Color)	4294945945 (0xFFFFAC99)
YUV	194.6510, -20.5339, 52.9261
Hunter-Lab	72.8457, 23.8123, 20.7752

Details

The XYZ color **61.7423, 53.0650, 37.1254** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1810, 73.9801, 105.6626**, and the grayscale version is **51.7605, 54.4561, 59.3027**.

A 20% lighter version of the original color is **80.2459, 81.2518, 70.4852**, and **31.7600, 25.8887, 15.8935** is the 20% darker color. If you saturate the color by 10%, you get **56.2117, 45.0218, 25.9779**, and if you desaturate by 10%, it is **68.3422, 62.5264, 50.8507**.

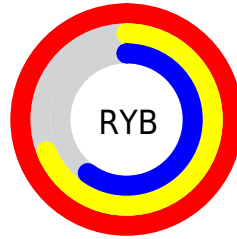
Distribution



Red (100%)

Green (67%)

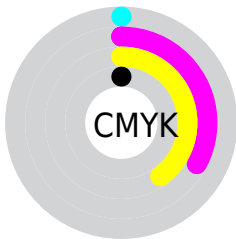
Blue (60%)



Red (100%)

Yellow (69%)

Blue (60%)

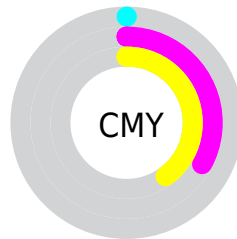


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7423, 53.0650, 37.1254 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 61.7423, 53.0650, 37.1254 by changing the saturation by 10% instead.


 61.7423, 53.0650,
37.1254


 61.7423, 53.0650,
37.1254


420.7230,
398.5345, 349.0381

 45.0793, 37.8547,
25.0081


 106.4450, 94.7000,
71.9541

 31.7214, 25.8699,
15.8640


 135.2155,
121.8935, 95.5025

 21.3033, 16.7263,
9.2746


168.7525,
153.8501, 123.6984

 13.4596, 10.0396,
4.8215

207.4214,
190.9543, 156.9602

 7.8250, 5.4252,
2.0860

251.5875,
233.5904, 195.7066

 4.0340, 2.4988,
0.6074

301.6163,

 1.7214, 0.8761,

282.1429, 240.3560

0.0000

357.8730,
336.9961, 291.3270

■ 0.4696, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7423, 53.0650,
37.1254

■ 61.7423, 53.0650,
37.1254

■ 56.2117, 45.0218,
25.9779

■ 68.3422, 62.5264,
50.8507

■ 51.6889, 38.3205,
17.2431

■ 76.0604, 73.4621,
67.2984

■ 48.1122, 32.8892,
10.7417

■ 84.9477, 85.9347,
86.6061

■ 45.4109, 28.6459,
6.2679

95.0499, 100.0000,
108.9000

■ 43.5040, 25.4986,
3.5771

■ 42.2772, 23.3345,
2.2758

■ 42.2771, 23.3344,
2.2757

Harmonies

Analogous

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



64.9249, 53.0650, 52.4818



61.7423, 53.0650, 37.1254



55.5934, 53.0650, 28.9334

Triad

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



61.7423, 53.0650, 37.1254



38.9732, 53.0650, 44.6329



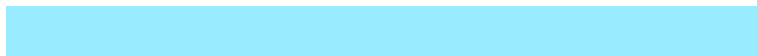
52.3700, 53.0650, 104.7981

Complementary

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



61.7423, 53.0650, 37.1254



61.1810, 73.9801, 105.6626

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.



45.6092, 53.0650, 101.3207



61.7423, 53.0650, 37.1254



38.2821, 53.0650, 63.4206

Square

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



61.7423, 53.0650, 37.1254



42.5864, 53.0650, 32.5201



40.6030, 53.0650, 84.9470



59.1969, 53.0650, 93.5760

Rectangle

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



61.7423, 53.0650, 37.1254



50.8651, 53.0650, 27.2423



40.6030, 53.0650, 84.9470



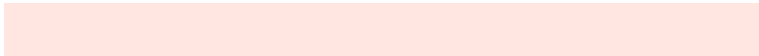
50.0107, 53.0650, 105.3513

Sweetspot

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



61.7437, 53.0676, 37.1264



83.0740, 83.3138, 82.5085



67.8154, 50.1165, 85.6849



17.5250, 17.4736, 17.1012



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.



61.7437, 53.0676, 37.1264



57.2352, 46.5208, 28.0085



73.2975, 76.1753, 40.9777



18.2831, 18.5345, 18.7582



22.1687, 12.3486, 1.2151



2.2281, 1.3416, 0.1415

Inverse Universe

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



61.1810, 73.9801, 105.6626



56.5708, 69.9961, 105.1367



48.5991, 48.8164, 101.4687



18.2502, 19.8720, 23.1237



21.2554, 27.4203, 53.6070



2.1406, 2.8118, 5.2432

Previews

White Background



This preview shows how the XYZ color 61.7423, 53.0650, 37.1254 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 61.7423, 53.0650, 37.1254 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 61.7423, 53.0650, 37.1254

Background



This preview shows how black text looks on a background with the XYZ color 61.7423, 53.0650, 37.1254.



This preview shows how white text looks on a background with the XYZ color 61.7423, 53.0650,

37.1254.

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

61.7423, 53.0650, 37.1254

Protanopia

50.3094, 53.4808, 42.3216

Deuteranopia

54.2989, 53.1010, 36.6658



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

61.7423, 53.0650, 37.1254

Protanomaly

53.7312, 52.7307, 40.1470

Deuteranomaly

56.9138, 52.9140, 36.9195

Tritanomaly

62.9654, 52.9497, 45.4298

Monochromacy



Original Color

61.7423, 53.0650, 37.1254

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.6238, 53.5876, 50.6445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7423, 53.0650, 37.1254 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(255, 172, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 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(255, 172, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 153) }
```

Border

The CSS property to change the border of an element to XYZ 61.7423, 53.0650, 37.1254 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(255, 172, 153) }
```


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

```
.border{ border-color:rgb(255, 172, 153) }
```

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

Here you see how a box with a 4 pixel rgb(255, 172, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7423, 53.0650, 37.1254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 153) }
```

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

```
.background{ background-color: rgb(255,  
172, 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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