

Converting Colors

XYZ(62.0829, 53.7462, 37.2389)

Have a look what the booklet for
XYZ(62.0829, 53.7462, 37.2389)
contains.

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Color

**XYZ(62.1258, 53.8320,
37.2532)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE99
RGB	255, 174, 153
RGB Percent	100%, 68%, 60%
CMY	0.0000, 0.3176, 0.4000
CMYK	0.00, 0.32, 0.40, 0.00
HSL	12°, 100%, 80%
HSV	12°, 40%, 100%
XYZ	62.1258, 53.8320, 37.2532
YIQ	195.8250, 55.0170, 10.6410

Conversions

Conversions Part 2

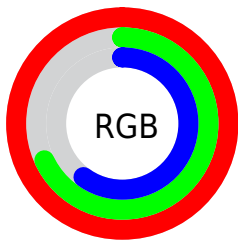
Format	Color
R_{YB}	255, 179, 153
Decimal	16756377
CIE _{Lab}	78.36, 27.18, 22.81
CIE _{LCh}	78, 35.489, 40.003
Yxy	53.8320, 0.4055, 0.3514
Android (android.graphics.Color)	4294946457 (0xFFFFAE99)
YUV	195.8250, -21.1127, 51.8965
Hunter-Lab	73.3703, 22.7457, 21.2552

Details

The XYZ color **62.1258, 53.8320, 37.2532** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.6084, 72.8350, 105.4718**, and the grayscale version is **52.4651, 55.1974, 60.1100**.

A 20% lighter version of the original color is **80.7993, 82.3586, 70.6697**, and **32.0006, 26.3698, 15.9736** is the 20% darker color. If you saturate the color by 10%, you get **56.6192, 45.8368, 26.1137**, and if you desaturate by 10%, it is **68.6749, 63.1918, 50.9616**.

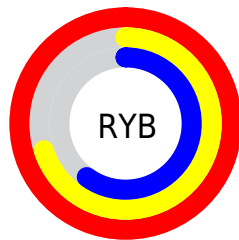
Distribution



Red (100%)

Green (68%)

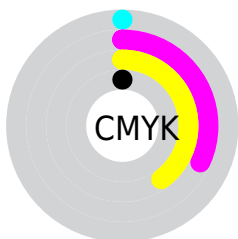
Blue (60%)



Red (100%)

Yellow (70%)

Blue (60%)

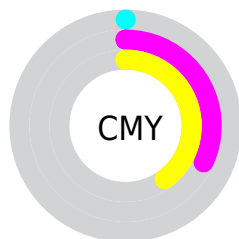


Cyan (0%)

Magenta (32%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.1258, 53.8320, 37.2532 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 62.1258, 53.8320, 37.2532 by changing the saturation by 10% instead.

 62.1258, 53.8320,
37.2532

 62.1258, 53.8320,
37.2532


422.1001,
401.4691, 349.6071

 45.3903, 38.4674,
25.1063


 106.9962, 95.8275,
72.1527

 31.9676, 26.3456,
15.9365


 135.8619,
123.2272, 95.7424

 21.4922, 17.0824,
9.3254


169.5017,
155.4074, 123.9834

 13.5987, 10.2932,
4.8543

208.2810,
192.7524, 157.2942

 7.9219, 5.5938,
2.1048

252.5652,
235.6467, 196.0935

 4.0964, 2.5997,
0.6186

302.7195,

 1.7568, 0.9265,

284.4746, 240.7997

0.0000

359.1093,
339.6206, 291.8314

■ 0.4915, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.1258, 53.8320,
37.2532

■ 62.1258, 53.8320,
37.2532

■ 56.6192, 45.8368,
26.1137

■ 68.6749, 63.1918,
50.9616

■ 52.0958, 39.1342,
17.3787

■ 76.3135, 73.9682,
67.3827

■ 48.4962, 33.6573,
10.8697

■ 85.0904, 86.2202,
86.6537

■ 45.7530, 29.3299,
6.3819

95.0499, 100.0000,
108.9000

■ 43.7879, 26.0664,
3.6718

■ 42.4911, 23.7622,
2.3471

■ 42.4910, 23.7621,
2.3470

Harmonies

Analogous

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



65.5208, 53.8320, 52.2008



62.1258, 53.8320, 37.2532



55.8837, 53.8320, 29.4535

Triad

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



62.1258, 53.8320, 37.2532



39.5839, 53.8320, 46.4512



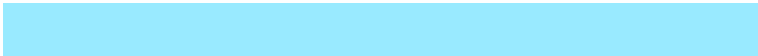
53.5274, 53.8320, 105.0824

Complementary

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



62.1258, 53.8320, 37.2532



60.6084, 72.8350, 105.4718

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.



46.7210, 53.8320, 102.5507



62.1258, 53.8320, 37.2532



39.0772, 53.8320, 65.5319

Square

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



62.1258, 53.8320, 37.2532



43.0302, 53.8320, 33.8684



41.5770, 53.8320, 86.8892



60.2669, 53.8320, 93.1781

Rectangle

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



62.1258, 53.8320, 37.2532



51.1650, 53.8320, 28.0159



41.5770, 53.8320, 86.8892



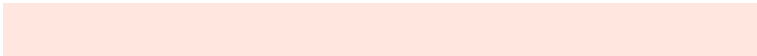
51.1664, 53.8320, 105.9452

Sweetspot

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



62.1272, 53.8346, 37.2543



83.2414, 83.6485, 82.5643



67.5691, 50.0180, 84.3879



17.5641, 17.5518, 17.1143



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.



62.1272, 53.8346, 37.2543



57.6400, 47.3303, 28.1434



73.7532, 77.0867, 41.1296



18.3124, 18.5929, 18.7680



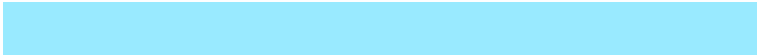
22.2870, 12.5853, 1.2545



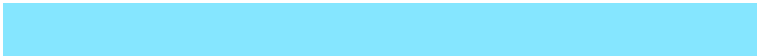
2.2437, 1.3728, 0.1467

Inverse Universe

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



60.6084, 72.8350, 105.4718



55.8991, 68.6527, 104.9128



48.2448, 48.1078, 101.3506



18.2186, 19.8087, 23.1132



20.6378, 26.1851, 53.4011



2.0857, 2.7020, 5.2249

Previews

White Background



This preview shows how the XYZ color 62.1258, 53.8320, 37.2532 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 62.1258, 53.8320, 37.2532 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 62.1258, 53.8320, 37.2532

Background



This preview shows how black text looks on a background with the XYZ color 62.1258, 53.8320, 37.2532.



This preview shows how white text looks on a background with the XYZ color 62.1258, 53.8320,

37.2532.

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

62.1258, 53.8320, 37.2532

Protanopia

50.9902, 54.1713, 41.9511

Deuteranopia

55.1397, 53.8462, 36.7653



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

62.1258, 53.8320, 37.2532

Protanomaly

54.4598, 53.7318, 40.3018

Deuteranomaly

57.6553, 53.9000, 37.0707

Tritanomaly

63.4389, 53.7436, 46.0597

Monochromacy



Original Color

62.1258, 53.8320, 37.2532

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.8367, 54.0134, 50.7154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.1258, 53.8320, 37.2532 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, 174, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 153) }
```

Border

The CSS property to change the border of an element to XYZ 62.1258, 53.8320, 37.2532 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, 174, 153) }
```


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

```
.border{ border-color:rgb(255, 174, 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, 174, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 62.1258, 53.8320, 37.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 153) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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