

Converting Colors

XYZ(61.7200, 52.4859, 38.7659)

Have a look what the booklet for
XYZ(61.7200, 52.4859, 38.7659)
contains.

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Color

**XYZ(61.7005, 52.4438,
38.7690)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA9D
RGB	255, 170, 157
RGB Percent	100%, 67%, 62%
CMY	0.0000, 0.3333, 0.3843
CMYK	0.00, 0.33, 0.38, 0.00
HSL	8°, 100%, 81%
HSV	8°, 38%, 100%
XYZ	61.7005, 52.4438, 38.7690
YIQ	193.9330, 54.8330, 13.9770

Conversions

Conversions Part 2

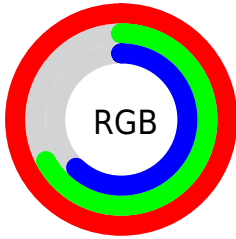
Format	Color
R _Y B	255, 172, 157
Decimal	16755357
CIE Lab	77.55, 29.72, 19.53
CIE LCh	78, 35.562, 33.311
Yxy	52.4438, 0.4035, 0.3430
Android (android.graphics.Color)	4294945437 (0xFFFFAA9D)
YUV	193.9330, -18.2080, 53.5558
Hunter-Lab	72.4181, 25.3510, 18.9518

Details

The XYZ color **61.7005, 52.4438, 38.7690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7053, 77.8891, 106.2840**, and the grayscale version is **51.3214, 53.9941, 58.7996**.

A 20% lighter version of the original color is **80.3200, 80.4062, 73.5740**, and **31.7278, 25.4989, 16.8852** is the 20% darker color. If you saturate the color by 10%, you get **55.9435, 44.0579, 27.2068**, and if you desaturate by 10%, it is **68.6119, 62.4113, 52.9585**.

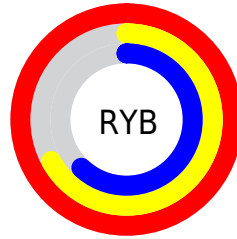
Distribution



Red (100%)

Green (67%)

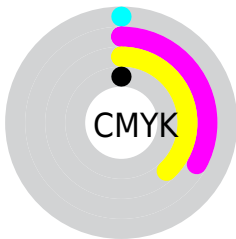
Blue (62%)



Red (100%)

Yellow (67%)

Blue (62%)

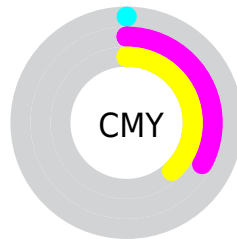


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7005, 52.4438, 38.7690 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 61.7005, 52.4438, 38.7690 by changing the saturation by 10% instead.


 61.7005, 52.4438,
38.7690


 61.7005, 52.4438,
38.7690


420.5728,
396.1475, 356.3040

 45.0454, 37.3589,
26.2736


 106.3849, 93.7854,
74.5017

 31.6946, 25.4855,
16.8009


 135.1450,
120.8110, 98.5762

 21.2828, 16.4392,
9.9322


168.6708,
152.5855, 127.3474

 13.4445, 9.8354,
5.2490

207.3276,
189.4935, 161.2339

 7.8144, 5.2900,
2.3328

251.4809,
231.9193, 200.6543

 4.0272, 2.4184,
0.7495

301.4959,

 1.7176, 0.8353,

280.2473, 246.0271

0.0000

357.7381,
334.8619, 297.7708

■ 0.4672, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7005, 52.4438,
38.7690

■ 61.7005, 52.4438,
38.7690

■ 55.9435, 44.0579,
27.2068

■ 68.6119, 62.4113,
52.9585

■ 51.2737, 37.1649,
18.1072

■ 76.7322, 74.0281,
69.9200

■ 47.6226, 31.6788,
11.2915

■ 86.1172, 87.3670,
89.7915

■ 44.9125, 27.5018,
6.5558

95.0499, 100.0000,
108.9000

■ 43.0540, 24.5232,
3.6594

■ 41.9332, 22.6114,
2.2692

■ 41.8074, 22.3950,
2.1192

Harmonies

Analogous

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



64.2065, 52.4438, 54.9482



61.7005, 52.4438, 38.7690



56.0077, 52.4438, 29.5664

Triad

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



61.7005, 52.4438, 38.7690



38.9667, 52.4438, 41.7621



50.6120, 52.4438, 103.7209

Complementary

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



61.7005, 52.4438, 38.7690



63.7053, 77.8891, 106.2840

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.



44.1542, 52.4438, 97.9350



61.7005, 52.4438, 38.7690



37.8047, 52.4438, 59.3121

Square

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



61.7005, 52.4438, 38.7690



42.9483, 52.4438, 30.9957



39.6168, 52.4438, 80.4596



57.4459, 52.4438, 94.8420

Rectangle

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



61.7005, 52.4438, 38.7690



51.3982, 52.4438, 27.2033



39.6168, 52.4438, 80.4596



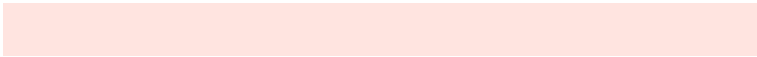
48.3258, 52.4438, 103.4323

Sweetspot

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



61.7019, 52.4464, 38.7700



82.6193, 82.4043, 82.3569



69.5605, 51.8797, 91.5909



17.4188, 17.2612, 17.0658



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.



61.7019, 52.4464, 38.7700



57.2407, 45.9563, 29.7846



72.2506, 73.5439, 42.2863



18.2037, 18.3755, 18.7317



21.9046, 11.8205, 1.1271



2.1900, 1.2653, 0.1288

Inverse Universe

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



63.7053, 77.8891, 106.2840



59.4751, 74.5846, 105.8693



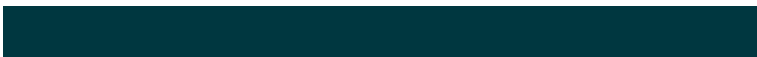
51.3732, 53.2249, 102.1733



18.3372, 20.0459, 23.1527



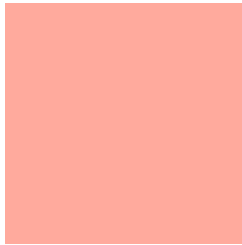
23.0439, 30.9974, 54.2031



2.2983, 3.1273, 5.2958

Previews

White Background



This preview shows how the XYZ color 61.7005, 52.4438, 38.7690 looks on a white background.

Color Contrast Check

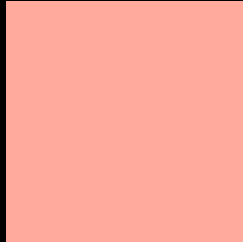
Large Text (above 18pt) WCAG AA × Fail

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 61.7005, 52.4438, 38.7690 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 61.7005, 52.4438, 38.7690

Background



This preview shows how black text looks on a background with the XYZ color 61.7005, 52.4438, 38.7690.



This preview shows how white text looks on a background with the XYZ color 61.7005, 52.4438,

38.7690.

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

61.7005, 52.4438, 38.7690

Protanopia

49.7861, 52.5063, 44.5565

Deuteranopia

53.4046, 52.3020, 37.8524



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

61.7005, 52.4438, 38.7690



Protanomaly

53.4531, 51.9195, 42.3261



Deuteranomaly

56.2974, 52.2689, 38.1321



Tritanomaly

62.8744, 52.6145, 45.8715

Monochromacy



Original Color

61.7005, 52.4438, 38.7690



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.0084, 52.6330, 51.0287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7005, 52.4438, 38.7690 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, 170, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 157)  
}
```

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, 170, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 157) }
```

Border

The CSS property to change the border of an element to XYZ 61.7005, 52.4438, 38.7690 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, 170, 157) }
```


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

```
.border{ border-color:rgb(255, 170, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 170, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 170, 157); box-shadow:4px 4px 4px 4px rgb(255, 170, 157) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7005, 52.4438, 38.7690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 157) }
```

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

```
.background{ background-color: rgb(255,  
170, 157) }
```

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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