

Converting Colors

XYZ(63.7122, 55.5984, 42.1190)

Have a look what the booklet for
XYZ(63.7122, 55.5984, 42.1190)
contains.

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Color

**XYZ(63.7713, 55.7451,
42.0491)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A3
RGB	255, 178, 163
RGB Percent	100%, 70%, 64%
CMY	0.0000, 0.3019, 0.3608
CMYK	0.00, 0.30, 0.36, 0.00
HSL	10°, 100%, 82%
HSV	10°, 36%, 100%
XYZ	63.7713, 55.7451, 42.0491
YIQ	199.3130, 50.7070, 11.6590

Conversions

Conversions Part 2

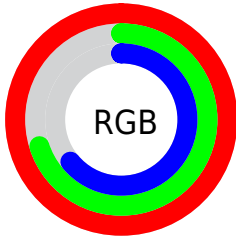
Format	Color
R _Y B	255, 181, 163
Decimal	16757411
CIE Lab	79.47, 26.22, 18.96
CIE LCh	79, 32.355, 35.865
Yxy	55.7451, 0.3947, 0.3450
Android (android.graphics.Color)	4294947491 (0xFFFFB2A3)
YUV	199.3130, -17.9023, 48.8375
Hunter-Lab	74.6626, 21.8019, 18.8724

Details

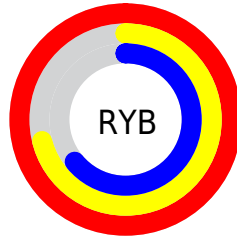
The XYZ color **63.7713, 55.7451, 42.0491** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.3132, 77.3239, 106.1431**, and the grayscale version is **54.5635, 57.4050, 62.5140**.

A 20% lighter version of the original color is **83.3177, 85.1676, 78.3773**, and **32.9678, 27.5507, 18.6191** is the 20% darker color. If you saturate the color by 10%, you get **57.7919, 47.0815, 29.8976**, and if you desaturate by 10%, it is **70.8747, 65.9194, 56.8491**.

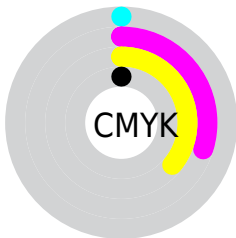
Distribution



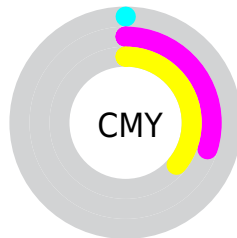
- Red (100%)
- Green (70%)
- Blue (64%)



- Red (100%)
- Yellow (71%)
- Blue (64%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7713, 55.7451, 42.0491 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 63.7713, 55.7451, 42.0491 by changing the saturation by 10% instead.


 63.7713, 55.7451,
42.0491

 63.7713, 55.7451,
42.0491


427.9786,
408.7302, 370.4921

 46.7265, 39.9986,
28.8139


 109.3571, 98.6318,
79.5448

 33.0265, 27.5374,
18.6957


 138.6287,
126.5408, 104.6424

 22.3061, 17.9773,
11.2760


172.7067,
159.2727, 134.5312

 14.1998, 10.9337,
6.1363

211.9563,
197.2119, 169.6297

 8.3424, 6.0222,
2.8580

256.7430,
240.7429, 210.3565

 4.3685, 2.8586,
1.0226

307.4320,

 1.9126, 1.0584,

290.2500, 257.1302

0.0000

364.3888,
346.1176, 310.3692

■ 0.5842, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.7713, 55.7451,
42.0491

■ 63.7713, 55.7451,
42.0491

■ 57.7919, 47.0815,
29.8976

■ 70.8747, 65.9194,
56.8491

■ 52.8740, 39.8485,
20.2344

■ 79.1520, 77.6636,
74.4381

■ 48.9555, 33.9709,
12.8872

■ 88.6550, 91.0433,
94.9508

■ 45.9654, 29.3630,
7.6601

95.0500, 100.0000,
108.9000

■ 43.8233, 25.9293,
4.3245

■ 42.4337, 23.5598,
2.5982

■ 42.0535, 22.8870,
2.2012

Harmonies

Analogous

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



66.4141, 55.7451, 57.1125



63.7713, 55.7451, 42.0491



58.2603, 55.7451, 33.5421

Triad

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



63.7713, 55.7451, 42.0491



42.3776, 55.7451, 47.2065



54.2714, 55.7451, 103.7182

Complementary

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



63.7713, 55.7451, 42.0491



64.3132, 77.3239, 106.1431

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.



48.0364, 55.7451, 99.5704



63.7713, 55.7451, 42.0491



41.4987, 55.7451, 64.4283

Square

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



63.7713, 55.7451, 42.0491



45.9940, 55.7451, 36.0658



43.4875, 55.7451, 84.1747



60.6487, 55.7451, 94.5693

Rectangle

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



63.7713, 55.7451, 42.0491



53.8903, 55.7451, 31.5390



43.4875, 55.7451, 84.1747



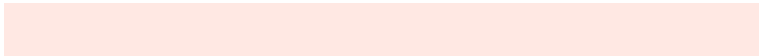
52.0880, 55.7451, 103.8529

Sweetspot

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



63.7727, 55.7477, 42.0502



83.8213, 84.2494, 84.4808



70.2446, 53.8177, 90.0615



17.6677, 17.6475, 17.4924



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.



63.7727, 55.7477, 42.0502



59.5166, 49.5927, 33.3653



74.1854, 76.5732, 45.5211



18.2486, 18.4655, 18.7467



22.0438, 12.0989, 1.1735



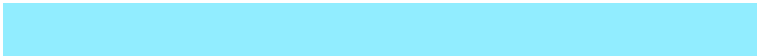
2.2110, 1.3074, 0.1358

Inverse Universe

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



64.3132, 77.3239, 106.1431



60.1066, 73.9072, 105.7053



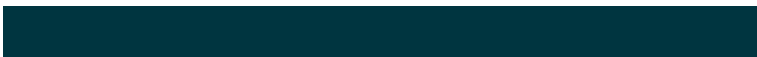
52.7147, 54.1270, 102.2769



18.2878, 19.9472, 23.1363



22.0122, 28.9340, 53.8592



2.2075, 2.9458, 5.2655

Previews

White Background



This preview shows how the XYZ color 63.7713, 55.7451, 42.0491 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 63.7713, 55.7451, 42.0491 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 63.7713, 55.7451, 42.0491

Background



This preview shows how black text looks on a background with the XYZ color 63.7713, 55.7451, 42.0491.



This preview shows how white text looks on a background with the XYZ color 63.7713, 55.7451,

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

63.7713, 55.7451, 42.0491

Protanopia

53.1448, 56.1765, 47.0718

Deuteranopia

57.1596, 56.0581, 41.5259



Tritanopia

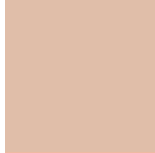
65.6471, 55.5508, 54.8393

Trichromacy



Original Color

63.7713, 55.7451, 42.0491



Protanomaly

56.3154, 55.5388, 45.2880



Deuteranomaly

59.3404, 55.9036, 41.8453



Tritanomaly

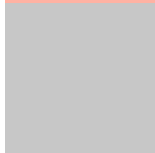
64.9020, 55.5653, 49.9523

Monochromacy



Original Color

63.7713, 55.7451, 42.0491



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

56.7071, 55.8668, 54.2490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7713, 55.7451, 42.0491 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, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 163)  
}
```

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, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 163) }
```

Border

The CSS property to change the border of an element to XYZ 63.7713, 55.7451, 42.0491 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, 178, 163) }
```


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

```
.border{ border-color:rgb(255, 178, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7713, 55.7451, 42.0491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 163) }
```

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

```
.background{ background-color: rgb(255,  
178, 163) }
```

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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