

Converting Colors

XYZ(67.2700, 57.6278, 41.6244)

Have a look what the booklet for
XYZ(67.2700, 57.6278, 41.6244)
contains.

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Color

**XYZ(63.6820, 55.7094,
41.5790)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A2
RGB	255, 178, 162
RGB Percent	100%, 70%, 64%
CMY	0.0000, 0.3019, 0.3647
CMYK	0.00, 0.30, 0.36, 0.00
HSL	10°, 100%, 82%
HSV	10°, 36%, 100%
XYZ	63.6820, 55.7094, 41.5790
YIQ	199.1990, 51.0280, 11.3480

Conversions

Conversions Part 2

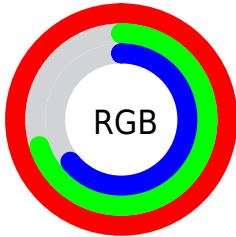
Format	Color
R _Y B	255, 181, 162
Decimal	16757410
CIE Lab	79.45, 26.10, 19.47
CIE LCh	79, 32.562, 36.712
Yxy	55.7094, 0.3956, 0.3461
Android (android.graphics.Color)	4294947490 (0xFFFFB2A2)
YUV	199.1990, -18.3391, 48.9375
Hunter-Lab	74.6387, 21.6790, 19.2184

Details

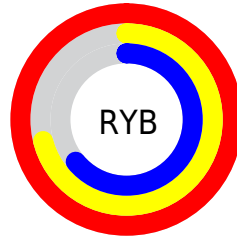
The XYZ color **63.6820, 55.7094, 41.5790** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8156, 76.6316, 106.0357**, and the grayscale version is **54.4960, 57.3341, 62.4368**.

A 20% lighter version of the original color is **83.1872, 85.1154, 77.6901**, and **32.9130, 27.5288, 18.3307** is the 20% darker color. If you saturate the color by 10%, you get **57.7589, 47.1303, 29.5327**, and if you desaturate by 10%, it is **70.7140, 65.7705, 56.2636**.

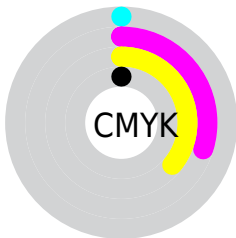
Distribution



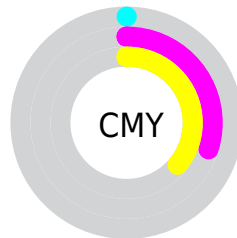
- Red (100%)
- Green (70%)
- Blue (64%)



- 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 63.6820, 55.7094, 41.5790 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 63.6820, 55.7094, 41.5790 by changing the saturation by 10% instead.


 63.6820, 55.7094,
41.5790


 63.6820, 55.7094,
41.5790


427.6608,
408.5954, 368.4828

 46.6539, 39.9700,
28.4487


 109.2291, 98.5796,
78.8253

 32.9689, 27.5151,
18.4222


 138.4789,
126.4791, 103.7783

 22.2618, 17.9605,
11.0809


172.5332,
159.2008, 133.5093

 14.1670, 10.9216,
6.0064

211.7574,
197.1290, 168.4368

 8.3194, 6.0142,
2.7801

256.5169,
240.6482, 208.9793

 4.3535, 2.8537,
0.9835

307.1771,

 1.9040, 1.0558,

290.1427, 255.5555

0.0000

364.1033,
345.9970, 308.5838

0.5792, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

63.6820, 55.7094,
41.5790

63.6820, 55.7094,
41.5790

57.7589, 47.1303,
29.5327

70.7140, 65.7705,
56.2636

52.8830, 39.9552,
19.9642

78.9039, 77.3711,
73.7272

48.9931, 34.1107,
12.7009

88.3027, 90.5751,
94.1044

46.0194, 29.5138,
7.5464

95.0500, 100.0000,
108.9000

■ 43.8825, 26.0714,
4.2710

■ 42.4880, 23.6770,
2.5892

■ 42.1364, 23.0528,
2.2288

Harmonies

Analogous

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



66.4438, 55.7094, 56.5462



63.6820, 55.7094, 41.5790



58.0779, 55.7094, 33.2314

Triad

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



63.6820, 55.7094, 41.5790



42.2210, 55.7094, 47.5071



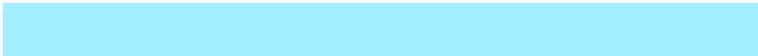
54.4332, 55.7094, 103.9060

Complementary

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



63.6820, 55.7094, 41.5790



63.8156, 76.6316, 106.0357

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.



48.1334, 55.7094, 100.1068



63.6820, 55.7094, 41.5790



41.4194, 55.7094, 64.9645

Square

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



63.6820, 55.7094, 41.5790



45.7843, 55.7094, 36.1295



43.4972, 55.7094, 84.8292



60.8271, 55.7094, 94.3439

Rectangle

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



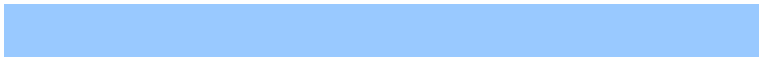
63.6820, 55.7094, 41.5790



53.6745, 55.7094, 31.3439



43.4972, 55.7094, 84.8292



52.2323, 55.7094, 104.1747

Sweetspot

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



63.6834, 55.7121, 41.5801



83.8922, 84.3913, 84.5044



69.8146, 53.3628, 88.6698



17.6844, 17.6811, 17.4980



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.



63.6834, 55.7121, 41.5801



59.1224, 49.1164, 32.2716



74.4175, 77.1802, 45.1581



18.2620, 18.4922, 18.7512



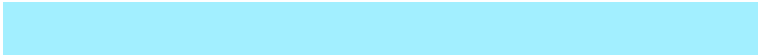
22.0903, 12.1918, 1.1890



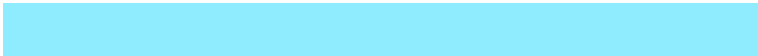
2.2175, 1.3203, 0.1380

Inverse Universe

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



63.8156, 76.6316, 106.0357



59.2495, 72.8546, 105.5473



52.0208, 53.0419, 102.1041



18.2732, 19.9180, 23.1314



21.7157, 28.3411, 53.7604



2.1813, 2.8934, 5.2568

Previews

White Background



This preview shows how the XYZ color 63.6820, 55.7094, 41.5790 looks on a white background.

Color Contrast Check

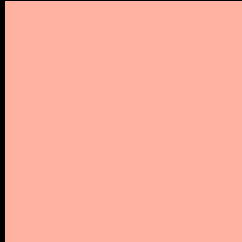
Large Text (above 18pt) WCAG AA × Fail

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 63.6820, 55.7094, 41.5790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

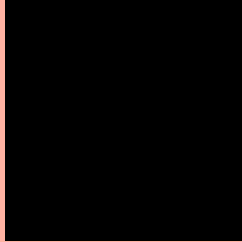
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.6820, 55.7094, 41.5790

Background



This preview shows how black text looks on a background with the XYZ color 63.6820, 55.7094, 41.5790.

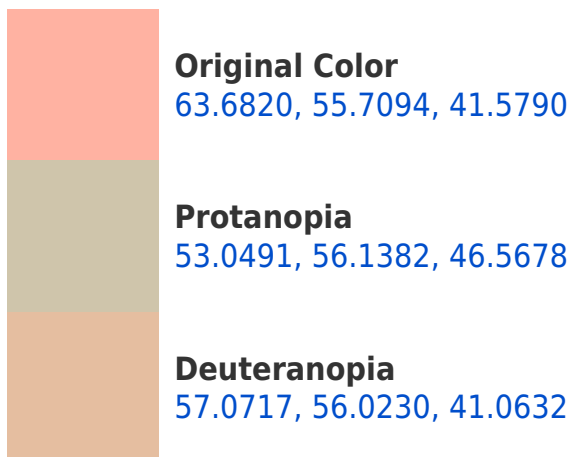


This preview shows how white text looks on a background with the XYZ color 63.6820, 55.7094,

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





Tritanopia

65.6471, 55.5508, 54.8393

Trichromacy



Original Color

63.6820, 55.7094, 41.5790

Protanomaly

56.2218, 55.5014, 44.7954

Deuteranomaly

59.2518, 55.8682, 41.3789

Tritanomaly

64.9020, 55.5653, 49.9523

Monochromacy



Original Color

63.6820, 55.7094, 41.5790

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 63.6820, 55.7094, 41.5790 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 162) }
```

Border

The CSS property to change the border of an element to XYZ 63.6820, 55.7094, 41.5790 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, 162) }
```


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

```
.border{ border-color:rgb(255, 178, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6820, 55.7094, 41.5790 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
178, 162) }
```

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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