

Converting Colors

XYZ(64.9451, 59.4700, 38.1948)

Have a look what the booklet for
XYZ(64.9451, 59.4700, 38.1948)
contains.

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Color

**XYZ(64.9730, 59.5263,
38.2023)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBC99
RGB	255, 188, 153
RGB Percent	100%, 74%, 60%
CMY	0.0000, 0.2627, 0.4000
CMYK	0.00, 0.26, 0.40, 0.00
HSL	21°, 100%, 80%
HSV	21°, 40%, 100%
XYZ	64.9730, 59.5263, 38.2023
YIQ	204.0430, 51.1670, 3.3190

Conversions

Conversions Part 2

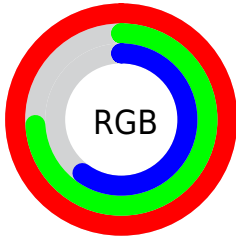
Format	Color
R_{YB}	255, 206, 153
Decimal	16759961
CIE _{Lab}	81.58, 19.85, 27.18
CIE _{LCh}	82, 33.658, 53.857
Yxy	59.5263, 0.3993, 0.3659
Android (android.graphics.Color)	4294950041 (0xFFFFBC99)
YUV	204.0430, -25.1642, 44.6893
Hunter-Lab	77.1533, 15.3017, 24.6500

Details

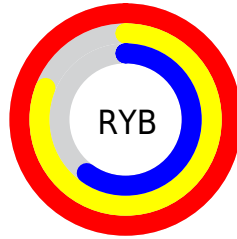
The XYZ color **64.9730, 59.5263, 38.2023** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.7792, 65.1764, 104.1955**, and the grayscale version is **57.5544, 60.5517, 65.9408**.

A 20% lighter version of the original color is **84.9758, 90.5154, 72.6670**, and **33.8272, 30.0230, 16.5825** is the 20% darker color. If you saturate the color by 10%, you get **59.7152, 52.0287, 27.1458**, and if you desaturate by 10%, it is **71.0991, 68.0401, 51.7698**.

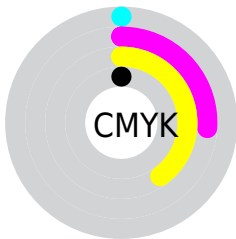
Distribution



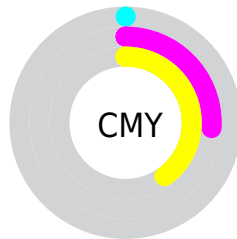
- Red (100%)
- Green (74%)
- Blue (60%)



- Red (100%)
- Yellow (81%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.9730, 59.5263, 38.2023 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 64.9730, 59.5263, 38.2023 by changing the saturation by 10% instead.


 64.9730, 59.5263,
38.2023

 64.9730, 59.5263,
38.2023


432.2417,
422.8495, 353.8112

 47.7038, 43.0369,
25.8367


 111.0770,
104.1422, 73.6250

 33.8027, 29.9141,
16.4768


 140.6424,
133.0375, 97.5191

 22.9042, 19.7734,
9.7042


175.0374,
166.8370, 126.0932

 14.6431, 12.2304,
5.1002

214.6272,
205.9249, 159.7657

 8.6540, 6.9008,
2.2464

259.7771,
250.6857, 198.9552

 4.5715, 3.4001,
0.7010

310.8526,

 2.0302, 1.3440,

301.5038, 244.0802

0.0000

368.2190,
358.7636, 295.5594

0.6509, 0.1749,
0.0000

0.0000, 0.0000,
0.0000

64.9730, 59.5263,
38.2023

64.9730, 59.5263,
38.2023

59.7152, 52.0287,
27.1458

71.0991, 68.0401,
51.7698

55.2782, 45.4990,
18.4395

78.1290, 77.5991,
67.9881

51.6162, 39.8971,
11.9097

86.1011, 88.2414,
86.9908

48.6764, 35.1766,
7.3564

95.0500, 100.0000,
108.9000

■ 46.3978, 31.2860,
4.5417

■ 44.6900, 28.1600,
3.0800

■ 44.6899, 28.1598,
3.0800

Harmonies

Analogous

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



69.9313, 59.5263, 50.3193



64.9730, 59.5263, 38.2023



58.0438, 59.5263, 33.3207

Triad

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



64.9730, 59.5263, 38.2023



44.1193, 59.5263, 60.7401



62.2514, 59.5263, 107.2960

Complementary

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



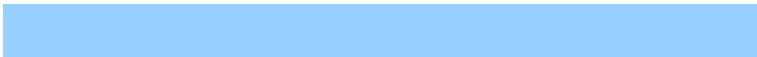
64.9730, 59.5263, 38.2023



56.7792, 65.1764, 104.1955

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.



55.1370, 59.5263, 111.6935



64.9730, 59.5263, 38.2023



45.0428, 59.5263, 81.8549

Square

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



64.9730, 59.5263, 38.2023



46.3028, 59.5263, 44.4718



48.9391, 59.5263, 101.5759



68.2707, 59.5263, 90.5705

Rectangle

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



64.9730, 59.5263, 38.2023



53.3868, 59.5263, 33.9074



48.9391, 59.5263, 101.5759



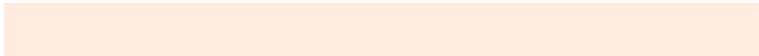
59.8938, 59.5263, 110.3922

Sweetspot

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



64.9745, 59.5292, 38.2035



84.4290, 86.0239, 82.9601



65.6827, 49.2635, 74.4540



17.8421, 18.1079, 17.2069



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.



64.9745, 59.5292, 38.2035



60.6995, 53.4494, 29.1632



77.5645, 84.7092, 42.4002



18.5190, 19.0062, 18.8368



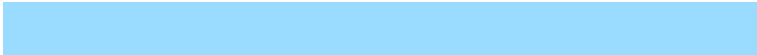
23.4757, 14.9627, 1.6508



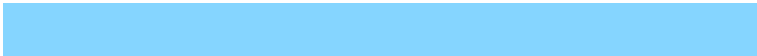
2.3827, 1.6508, 0.1931

Inverse Universe

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



56.7792, 65.1764, 104.1955



51.4525, 59.7593, 103.4306



45.5622, 42.7425, 100.4565



17.9992, 19.3701, 23.0401



16.8432, 18.5961, 52.1362



1.7417, 2.0142, 5.1102

Previews

White Background



This preview shows how the XYZ color 64.9730, 59.5263, 38.2023 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 64.9730, 59.5263, 38.2023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

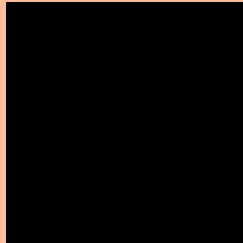
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9730, 59.5263, 38.2023

Background



This preview shows how black text looks on a background with the XYZ color 64.9730, 59.5263, 38.2023.

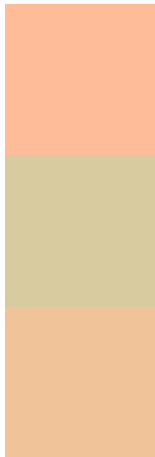


This preview shows how white text looks on a background with the XYZ color 64.9730, 59.5263,

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

64.9730, 59.5263, 38.2023

Protanopia

56.0200, 59.8489, 41.8571

Deuteranopia

61.1178, 59.8225, 38.0314



Tritanopia

68.4585, 59.5722, 60.7138

Trichromacy



Original Color

64.9730, 59.5263, 38.2023

Protanomaly

58.9130, 59.6455, 40.3060

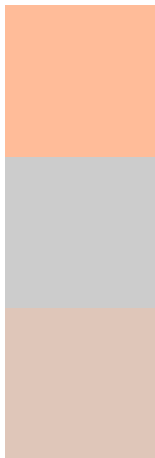
Deuteranomaly

62.1733, 59.3787, 37.8901

Tritanomaly

66.9295, 59.2941, 51.6334

Monochromacy



Original Color

64.9730, 59.5263, 38.2023

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

59.3825, 59.5789, 54.2690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9730, 59.5263, 38.2023 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, 188, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 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, 188, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 153) }
```

Border

The CSS property to change the border of an element to XYZ 64.9730, 59.5263, 38.2023 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, 188, 153) }
```


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

```
.border{ border-color:rgb(255, 188, 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, 188, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9730, 59.5263, 38.2023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 153) }
```

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

```
.background{ background-color: rgb(255,  
188, 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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