

# Converting Colors

XYZ(69.8911, 64.8401, 53.0432)

Have a look what the booklet for  
XYZ(69.8911, 64.8401, 53.0432)  
contains.

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# Color

**XYZ(69.6497, 64.5699,  
53.0483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC5B6
RGB	255, 197, 182
RGB Percent	100%, 77%, 71%
CMY	0.0000, 0.2274, 0.2863
CMYK	0.00, 0.23, 0.29, 0.00
HSL	12°, 100%, 86%
HSV	12°, 29%, 100%
XYZ	69.6497, 64.5699, 53.0483
YIQ	212.6320, 39.3830, 7.6310

# Conversions

## Conversions Part 2

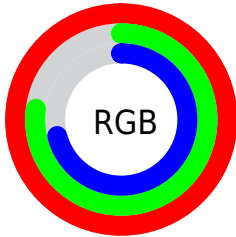
Format	Color
R <sub>Y</sub> B	255, 201, 182
Decimal	16762294
CIE Lab	84.26, 18.62, 15.49
CIE LCh	84, 24.219, 39.763
Yxy	64.5699, 0.3719, 0.3448
Android (android.graphics.Color)	4294952374 (0xFFFFC5B6)
YUV	212.6320, -15.1016, 37.1567
Hunter-Lab	80.3554, 14.0966, 17.1072

# Details

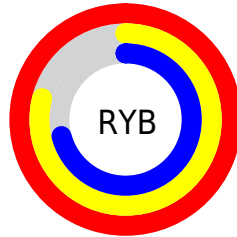
The XYZ color **69.6497, 64.5699, 53.0483** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5004, 79.4826, 106.3391**, and the grayscale version is **63.0807, 66.3658, 72.2724**.

A 20% lighter version of the original color is **92.1144, 98.3167, 95.0110**, and **36.8109, 33.1002, 25.2177** is the 20% darker color. If you saturate the color by 10%, you get **62.9557, 55.0221, 38.9778**, and if you desaturate by 10%, it is **77.4451, 75.5520, 69.8547**.

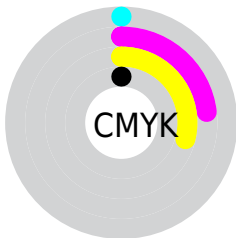
# Distribution



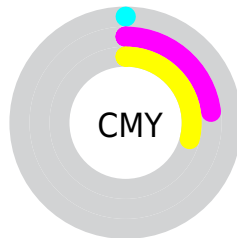
- Red (100%)
- Green (77%)
- Blue (71%)



- Red (100%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (23%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6497, 64.5699, 53.0483 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 69.6497, 64.5699, 53.0483 by changing the saturation by 10% instead.




 69.6497, 64.5699,  
53.0483

 69.6497, 64.5699,  
53.0483


448.6047,  
441.2448, 415.5420

 51.5196, 47.1124,  
37.4533


 117.7381,  
111.4313, 96.1177

 36.8450, 33.1245,  
25.2602


148.4270,  
141.6040, 124.4292

 25.2606, 22.2219,  
16.0502


184.0329,  
176.7838, 157.8167

 16.4011, 14.0200,  
9.4049

224.9212,  
217.3553, 196.6986

 9.9011, 8.1346,  
4.9058

271.4571,  
263.7027, 241.4936

 5.3952, 4.1812,  
2.1343

324.0061,

 2.5181, 1.7754,

316.2105, 292.6201

0.6361

382.9335,  
375.2630, 350.4967

■ 0.9044, 0.4718,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 69.6497, 64.5699,  
53.0483

■ 69.6497, 64.5699,  
53.0483

■ 62.9557, 55.0221,  
38.9778

■ 77.4451, 75.5520,  
69.8547

■ 57.3076, 46.8403,  
27.4939

■ 86.3841, 88.0152,  
89.5277

■ 52.6524, 39.9637,  
18.4389

95.0500, 100.0000,  
108.9000

■ 48.9303, 34.3237,  
11.6359

■ 46.0745, 29.8448,  
6.8843

■ 44.0089, 26.4429,  
3.9470

■ 42.6348, 24.0188,  
2.4895

■ 42.4866, 23.7532,  
2.3455

# Harmonies

## Analogous

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



72.1122, 64.5699, 65.4129



69.6497, 64.5699, 53.0483



65.0104, 64.5699, 46.0649

# Triad

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



69.6497, 64.5699, 53.0483



52.1909, 64.5699, 60.5716



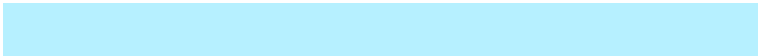
63.1381, 64.5699, 103.6335

# Complementary

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



69.6497, 64.5699, 53.0483



68.5004, 79.4826, 106.3391

# 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.



57.8715, 64.5699, 101.8357



69.6497, 64.5699, 53.0483



51.7545, 64.5699, 75.4365

# Square

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



69.6497, 64.5699, 53.0483



55.0060, 64.5699, 49.9493



53.7771, 64.5699, 90.9504



68.2106, 64.5699, 95.5546



# Rectangle

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



69.6497, 64.5699, 53.0483



61.4144, 64.5699, 44.7027



53.7771, 64.5699, 90.9504



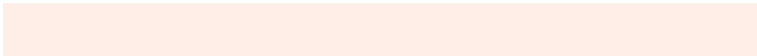
61.3291, 64.5699, 104.1884

# Sweetspot

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



69.6514, 64.5729, 53.0496



86.0295, 87.5228, 88.7405



73.7560, 61.0316, 90.6431



18.1212, 18.3269, 18.3457



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.



69.6514, 64.5729, 53.0496



65.9203, 59.2673, 45.1578



78.8510, 82.9722, 56.1162



18.3118, 18.5917, 18.7678



22.2846, 12.5804, 1.2537

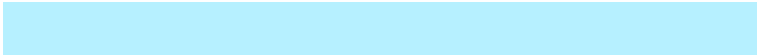


2.2434, 1.3721, 0.1466

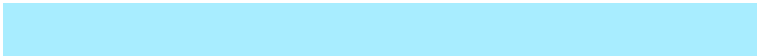


# Inverse Universe

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



68.5004, 79.4826, 106.3391



64.5984, 76.2497, 105.9207



58.9111, 60.3040, 103.1426



18.2192, 19.8100, 23.1134



20.6498, 26.2091, 53.4051



2.0867, 2.7042, 5.2252



# Previews

## White Background



This preview shows how the XYZ color 69.6497, 64.5699, 53.0483 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

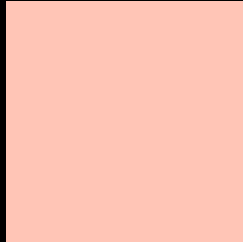
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 69.6497, 64.5699, 53.0483 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 69.6497, 64.5699, 53.0483**

## **Background**



This preview shows how black text looks on a background with the XYZ color 69.6497, 64.5699, 53.0483.



This preview shows how white text looks on a background with the XYZ color 69.6497, 64.5699,



# 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

69.6497, 64.5699, 53.0483

### Protanopia

61.4453, 64.8274, 57.4185

### Deuteranopia

65.9721, 64.7488, 52.7367



## Tritanopia

71.9170, 64.3976, 68.3141

# Trichromacy



## Original Color

69.6497, 64.5699, 53.0483

## Protanomaly

63.9730, 64.3636, 55.5061

## Deuteranomaly

67.2332, 64.7023, 52.6613

## Tritanomaly

71.0639, 64.4137, 62.7205

# Monochromacy



## Original Color

69.6497, 64.5699, 53.0483

## Achromatopsia

63.2451, 66.5387, 72.4607

## Achromatomaly

64.9684, 65.3839, 65.0733

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 69.6497, 64.5699, 53.0483 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, 197, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 182)  
}
```

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, 197, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 69.6497, 64.5699, 53.0483 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, 197, 182) }
```



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

```
.border{ border-color:rgb(255, 197, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 69.6497, 64.5699, 53.0483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 182) }
```

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

```
.background{ background-color: rgb(255,  
197, 182) }
```

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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