

# Converting Colors

XYZ(106.3606, 78.7728,  
28.0065)

Have a look what the booklet for  
XYZ(106.3606, 78.7728, 28.0065)  
contains.

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# Color

**XYZ(61.0741, 55.3077,  
25.8688)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFB47A
RGB	255, 180, 122
RGB Percent	100%, 71%, 48%
CMY	0.0000, 0.2941, 0.5216
CMYK	0.00, 0.29, 0.52, 0.00
HSL	26°, 100%, 74%
HSV	26°, 52%, 100%
XYZ	61.0741, 55.3077, 25.8688
YIQ	195.8130, 63.3180, -2.1380

# Conversions

## Conversions Part 2

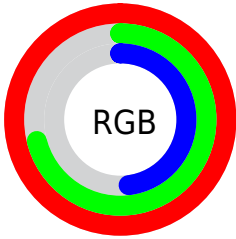
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 225, 122
Decimal	16757882
CIE <sub>Lab</sub>	79.22, 21.04, 40.30
CIE <sub>LCh</sub>	79, 45.460, 62.432
Yxy	55.3077, 0.4293, 0.3888
Android (android.graphics.Color)	4294947962 (0xFFFFB47A)
YUV	195.8130, -36.3898, 51.9070
Hunter-Lab	74.3691, 16.4434, 31.4348

# Details

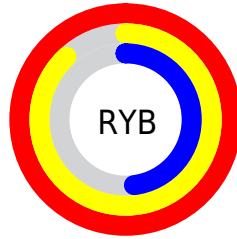
The XYZ color **61.0741, 55.3077, 25.8688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.0411, 51.2876, 102.0802**, and the grayscale version is **52.5432, 55.2795, 60.1994**.

A 20% lighter version of the original color is **78.9733, 84.3461, 52.6755**, and **31.2647, 27.2487, 9.7426** is the 20% darker color. If you saturate the color by 10%, you get **56.9431, 49.2513, 17.6931**, and if you desaturate by 10%, it is **65.9234, 62.1377, 36.3298**.

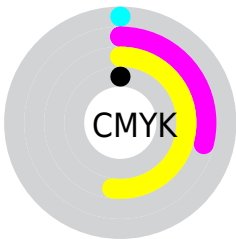
# Distribution



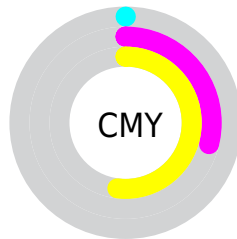
- Red (100%)
- Green (71%)
- Blue (48%)



- Red (100%)
- Yellow (88%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (52%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (52%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0741, 55.3077, 25.8688 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 61.0741, 55.3077, 25.8688 by changing the saturation by 10% instead.





 61.0741, 55.3077,  
25.8688

 61.0741, 55.3077,  
25.8688


418.3172,  
407.0773, 295.7224


 44.5377, 39.6481,  
16.5006


 105.4837, 97.9916,  
54.0447

 31.2932, 27.2643,  
9.7209

 134.0877,  
125.7848, 73.6895

 20.9751, 17.7718,  
5.1111


 167.4449,  
158.3913, 97.5969

 13.2182, 10.7863,  
2.2527

205.9208,  
196.1955, 126.1855

 7.6570, 5.9233,  
0.7046

249.8805,  
239.5818, 159.8738

 3.9262, 2.7985,  
0.0000

299.6896,

 1.6605, 1.0275,

288.9346, 199.0804

0.0000

355.7134,  
344.6383, 244.2237

■ 0.4313, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.0741, 55.3077,  
25.8688

■ 61.0741, 55.3077,  
25.8688

■ 56.9431, 49.2513,  
17.6931

■ 65.9234, 62.1377,  
36.3298

■ 53.4841, 43.9286,  
11.6217

■ 71.5254, 69.7623,  
49.2317

■ 50.6506, 39.3081,  
7.4512

■ 77.9166, 78.2118,  
64.7197

■ 48.3863, 35.3509,  
4.9351

■ 85.1298, 87.5123,  
82.9268

46.9477, 32.6757,  
3.8326

93.1959, 97.6884,  
103.9770

95.0498, 99.9999,  
108.9000

# Harmonies

## Analogous

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



68.7332, 55.3077, 37.1785



61.0741, 55.3077, 25.8688



51.8306, 55.3077, 22.7915

# Triad

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



61.0741, 55.3077, 25.8688



36.9761, 55.3077, 62.3683



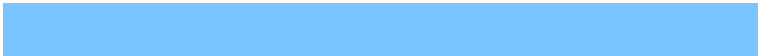
62.5038, 55.3077, 113.0827

# Complementary

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



61.0741, 55.3077, 25.8688



46.0411, 51.2876, 102.0802

# 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.



53.3129, 55.3077, 125.3060



61.0741, 55.3077, 25.8688



39.1602, 55.3077, 91.2314

# Square

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



61.0741, 55.3077, 25.8688



38.5543, 55.3077, 39.9083



44.8914, 55.3077, 116.3442



69.6232, 55.3077, 86.4674



# Rectangle

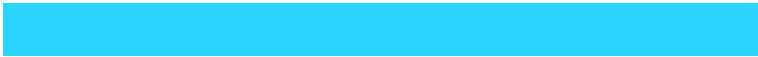
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0741, 55.3077, 25.8688



46.1806, 55.3077, 24.8050



44.8914, 55.3077, 116.3442



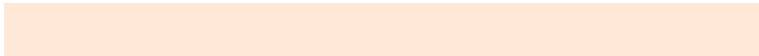
59.5195, 55.3077, 119.3082

# Sweetspot

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



61.0754, 55.3104, 25.8699



82.2582, 83.8353, 75.5987



58.3197, 39.2275, 57.5420



17.2884, 17.5340, 15.3777



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.



61.0754, 55.3104, 25.8699



56.6261, 48.7743, 17.1021



77.7490, 88.6575, 31.4277



18.6611, 19.2904, 18.8842



24.6736, 17.3584, 2.0501

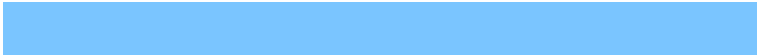


2.5087, 1.9029, 0.2351



# Inverse Universe

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



46.0411, 51.2876, 102.0802



40.0373, 44.2888, 101.0461



34.1748, 27.5549, 98.1247



17.8529, 19.0774, 22.9913



14.7771, 14.4638, 51.4475



1.5476, 1.6258, 5.0455



# Previews

## White Background



This preview shows how the XYZ color 61.0741, 55.3077, 25.8688 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 61.0741, 55.3077, 25.8688 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

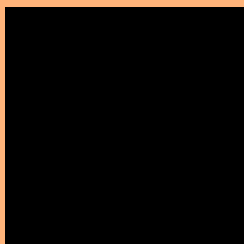
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 61.0741, 55.3077, 25.8688**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.0741, 55.3077, 25.8688.



This preview shows how white text looks on a background with the XYZ color 61.0741, 55.3077,

25.8688.

# 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

61.0741, 55.3077, 25.8688

### Protanopia

51.5941, 55.7872, 28.4708

### Deuteranopia

56.6333, 55.4996, 25.4969



## Tritanopia

65.4329, 55.4651, 53.7115

# Trichromacy



**Original Color**

61.0741, 55.3077, 25.8688

**Protanomaly**

54.7098, 55.4260, 27.5534

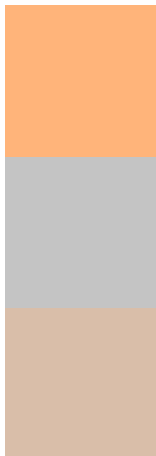
**Deuteranomaly**

58.1084, 55.3115, 25.7027

**Tritanomaly**

63.5730, 55.3486, 41.9830

# Monochromacy



**Original Color**

61.0741, 55.3077, 25.8688

**Achromatopsia**

52.4687, 55.2011, 60.1140

**Achromatomaly**

54.1902, 54.4432, 45.1886

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.0741, 55.3077, 25.8688 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, 180, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 122)  
}
```

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, 180, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 122) }
```

## Border

The CSS property to change the border of an element to XYZ 61.0741, 55.3077, 25.8688 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, 180, 122) }
```



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

```
.border{ border-color:rgb(255, 180, 122) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
122) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.0741, 55.3077, 25.8688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 122) }
```

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

```
.background{ background-color: rgb(255,  
180, 122) }
```

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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