

# Converting Colors

XYZ(62.6376, 61.1519, 28.5808)

Have a look what the booklet for  
XYZ(62.6376, 61.1519, 28.5808)  
contains.

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# **Color**

**XYZ(62.6376, 61.1519,  
28.5808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9C47F
RGB	249, 196, 127
RGB Percent	98%, 77%, 50%
CMY	0.0235, 0.2313, 0.5020
CMYK	0.00, 0.21, 0.49, 0.02
HSL	34°, 91%, 74%
HSV	34°, 49%, 98%
XYZ	62.6376, 61.1519, 28.5808
YIQ	203.9810, 53.7370, -10.2230

# Conversions

## Conversions Part 2

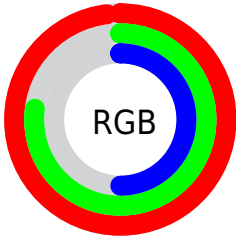
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 249, 127
Decimal	16368767
CIE <sub>Lab</sub>	82.46, 10.72, 41.70
CIE <sub>LCh</sub>	82, 43.057, 75.590
Yxy	61.1519, 0.4111, 0.4013
Android (android.graphics.Color)	4294558847 (0xFFFF9C47F)
YUV	203.9810, -37.9516, 39.4817
Hunter-Lab	78.1997, 6.1283, 33.0702

# Details

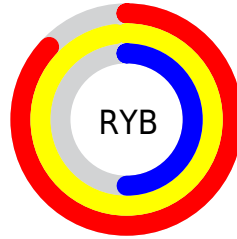
The XYZ color **62.6376, 61.1519, 28.5808** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.1718, 43.9923, 95.8909**, and the grayscale version is **57.5924, 60.5916, 65.9843**.

A 20% lighter version of the original color is **84.7058, 94.8468, 57.5588**, and **32.2127, 30.8150, 11.0876** is the 20% darker color. If you saturate the color by 10%, you get **58.8590, 55.8787, 20.2804**, and if you desaturate by 10%, it is **66.9961, 66.9432, 39.0540**.

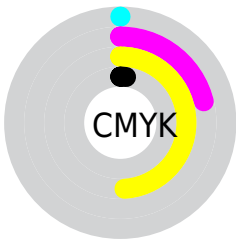
# Distribution



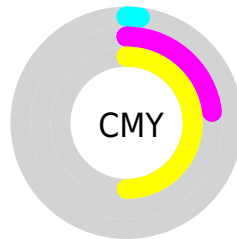
- Red (98%)
- Green (77%)
- Blue (50%)



- Red (87%)
- Yellow (98%)
- Blue (50%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (2%)




- Cyan (2%)
- Magenta (23%)
- Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.6376, 61.1519, 28.5808 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 62.6376, 61.1519, 28.5808 by changing the saturation by 10% instead.





 62.6376, 61.1519,  
28.5808


 62.6376, 61.1519,  
28.5808

423.9337,  
428.8307, 309.2307


 45.8056, 44.3478,  
18.5211


 107.7313,  
106.4988, 58.4446

 32.2964, 30.9440,  
11.1514


 136.7237,  
135.8104, 79.0858

 21.7447, 20.5562,  
6.0533


 170.5003,  
170.0600, 104.0912

 13.7850, 12.8000,  
2.8082

209.4264,  
209.6319, 133.8794

 8.0520, 7.2910,  
0.9976

253.8675,  
254.9105, 168.8689

 4.1803, 3.6447,  
0.0000

304.1888,

 1.8046, 1.4769,

306.2803, 209.4782

0.0000

360.7557,  
364.1255, 256.1260

■ 0.5205, 0.2724,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.6376, 61.1519,  
28.5808

■ 62.6376, 61.1519,  
28.5808

■ 58.8590, 55.8787,  
20.2804

■ 66.9961, 66.9432,  
39.0540

■ 55.6220, 51.0954,  
13.9895

■ 71.9606, 73.2616,  
51.8398

■ 52.8900, 46.7835,  
9.5271

■ 77.5608, 80.1271,  
67.0705

■ 50.6184, 42.9189,  
6.6778

■ 83.8228, 87.5553,  
84.8673

■ 48.7426, 39.4693,  
5.1212

■ 90.7711, 95.5614,  
105.3432

■ 48.5680, 39.1421,  
4.9954

■ 92.8768, 98.8797,  
108.7983

# Harmonies

## Analogous

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



71.4025, 61.1519, 36.5532



62.6376, 61.1519, 28.5808



53.4971, 61.1519, 28.7348

# Triad

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



62.6376, 61.1519, 28.5808



42.6942, 61.1519, 81.1495



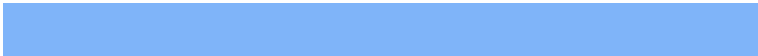
71.6984, 61.1519, 108.7038

# Complementary

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



62.6376, 61.1519, 28.5808



42.1718, 43.9923, 95.8909

# 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.



63.0083, 61.1519, 128.2779



62.6376, 61.1519, 28.5808



46.6015, 61.1519, 109.7300

# Square

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



62.6376, 61.1519, 28.5808



42.6175, 61.1519, 54.7548



53.8308, 61.1519, 128.6965



76.9959, 61.1519, 80.0049



# Rectangle

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



62.6376, 61.1519, 28.5808



48.4234, 61.1519, 33.2971



53.8308, 61.1519, 128.6965



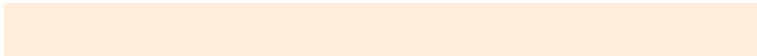
69.0385, 61.1519, 116.8669

# Sweetspot

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



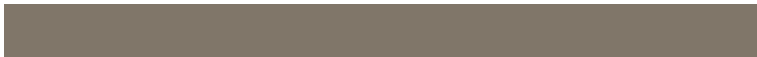
62.6391, 61.1548, 28.5820



84.4186, 87.6303, 77.9403



55.0897, 38.6923, 48.7671



17.7771, 18.4079, 15.8598



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.



62.6391, 61.1548, 28.5820



62.1040, 58.9452, 21.3480



74.6340, 88.3203, 33.1933



18.0594, 18.8546, 18.1499



26.1418, 21.2403, 2.7220

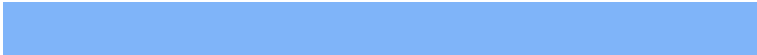


2.5266, 2.1781, 0.2872

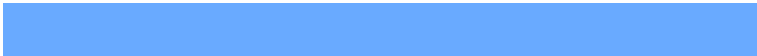


# Inverse Universe

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



42.1718, 43.9923, 95.8909



38.1794, 38.9089, 100.1056



34.3774, 27.0137, 93.0245



16.9032, 17.8833, 21.9462



12.1676, 9.6907, 49.2028



1.2302, 1.1040, 4.5914



# Previews

## White Background



This preview shows how the XYZ color 62.6376, 61.1519, 28.5808 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 62.6376, 61.1519, 28.5808 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 62.6376, 61.1519, 28.5808**

## **Background**



This preview shows how black text looks on a background with the XYZ color 62.6376, 61.1519, 28.5808.



This preview shows how white text looks on a background with the XYZ color 62.6376, 61.1519,



# 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

62.6376, 61.1519, 28.5808

### Protanopia

56.6685, 61.1486, 30.2888

### Deuteranopia

62.2821, 60.9686, 28.5642



## Tritanopia

69.5529, 61.0177, 63.3701

# Trichromacy



## Original Color

62.6376, 61.1519, 28.5808

## Protanomaly

58.7541, 61.1764, 29.8306

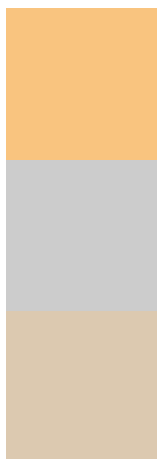
## Deuteranomaly

62.2821, 60.9686, 28.5642

## Tritanomaly

66.5614, 60.7656, 48.2652

# Monochromacy



## Original Color

62.6376, 61.1519, 28.5808

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.2383, 60.1235, 49.6098

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.6376, 61.1519, 28.5808 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(249, 196, 127)` looks like.

```
.text, #text, p{  
    color:rgb(249, 196, 127)  
}
```

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(249, 196, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 196, 127) }
```

## Border

The CSS property to change the border of an element to XYZ 62.6376, 61.1519, 28.5808 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(249, 196, 127) }
```



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

```
.border{ border-color:rgb(249, 196, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 196, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 196, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 196, 127);  
box-shadow:4px 4px 4px 4px rgb(249, 196,  
127) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.6376, 61.1519, 28.5808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 196, 127) }
```

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

```
.background{ background-color: rgb(249,  
196, 127) }
```

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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