

# Converting Colors

XYZ(62.5847, 59.7452, 22.0063)

Have a look what the booklet for  
XYZ(62.5847, 59.7452, 22.0063)  
contains.

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# Color

**XYZ(62.5246, 59.5831,  
22.1152)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBF6B
RGB	255, 191, 107
RGB Percent	100%, 75%, 42%
CMY	0.0000, 0.2510, 0.5804
CMYK	0.00, 0.25, 0.58, 0.00
HSL	34°, 100%, 71%
HSV	34°, 58%, 100%
XYZ	62.5246, 59.5831, 22.1152
YIQ	200.5600, 65.1080, -12.5560

# Conversions

## Conversions Part 2

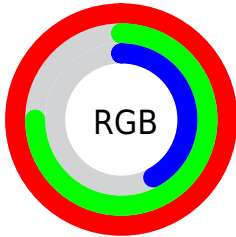
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 255, 107
Decimal	16760683
CIE <sub>Lab</sub>	81.61, 14.11, 50.73
CIE <sub>LCh</sub>	82, 52.658, 74.453
Yxy	59.5831, 0.4335, 0.4131
Android (android.graphics.Color)	4294950763 (0xFFFFBF6B)
YUV	200.5600, -46.1251, 47.7439
Hunter-Lab	77.1901, 9.5038, 37.0463

# Details

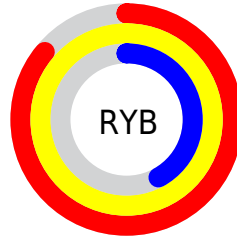
The XYZ color **62.5246, 59.5831, 22.1152** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.6756, 39.4699, 100.1872**, and the grayscale version is **55.4944, 58.3844, 63.5806**.

A 20% lighter version of the original color is **80.8459, 90.3196, 46.4301**, and **32.3080, 30.0646, 7.8416** is the 20% darker color. If you saturate the color by 10%, you get **59.0613, 54.4963, 15.2897**, and if you desaturate by 10%, it is **66.5673, 65.1960, 31.0861**.

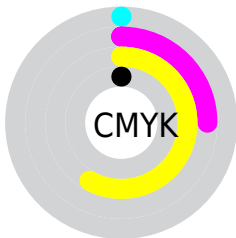
# Distribution



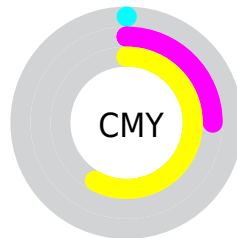
- Red (100%)
- Green (75%)
- Blue (42%)



- Red (86%)
- Yellow (100%)
- Blue (42%)



- Cyan (0%)
- Magenta (25%)
- Yellow (58%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5246, 59.5831, 22.1152 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 62.5246, 59.5831, 22.1152 by changing the saturation by 10% instead.




 62.5246, 59.5831,  
22.1152

 62.5246, 59.5831,  
22.1152


423.5292,  
423.0594, 276.1204

 45.7139, 43.0827,  
13.7424


 107.5690,  
104.2247, 47.8410


 32.2238, 29.9500,  
7.8051


 136.5335,  
133.1346, 66.0310

 21.6889, 19.8006,  
3.8845


 170.2799,  
166.9499, 88.3306

 13.7438, 12.2502,  
1.5622

 209.1737,  
206.0548, 115.1583

 8.0232, 6.9143,  
0.2636

253.5802,  
250.8338, 146.9326

 4.1617, 3.4086,  
0.0000

303.8647,

 1.7940, 1.3486,

301.6713, 184.0720

0.0000

360.3926,  
358.9517, 226.9951

■ 0.5141, 0.1784,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.5246, 59.5831,  
22.1152

■ 62.5246, 59.5831,  
22.1152

■ 59.0613, 54.4963,  
15.2897

■ 66.5673, 65.1960,  
31.0861

■ 56.1332, 49.9046,  
10.4157

■ 71.2205, 71.3466,  
42.3663

■ 53.6953, 45.7857,  
7.2697

■ 76.5178, 78.0565,  
56.1078

■ 51.6858, 42.1081,  
5.5472

■ 82.4887, 85.3434,  
72.4483

51.3255, 41.4312,  
5.2919

89.1606, 93.2239,  
91.5154

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.



73.2069, 59.5831, 30.8908



62.5246, 59.5831, 22.1152



51.4890, 59.5831, 21.9686

# Triad

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



62.5246, 59.5831, 22.1152



38.4360, 59.5831, 81.2925



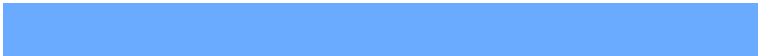
72.8666, 59.5831, 118.7779

# Complementary

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



62.5246, 59.5831, 22.1152



38.6756, 39.4699, 100.1872

# 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.



62.1064, 59.5831, 143.5176



62.5246, 59.5831, 22.1152



42.7691, 59.5831, 117.5511

# Square

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



62.5246, 59.5831, 22.1152



38.5173, 59.5831, 49.8840



51.1217, 59.5831, 143.0071



79.6868, 59.5831, 82.6055



# Rectangle

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



62.5246, 59.5831, 22.1152



45.4342, 59.5831, 26.5022



51.1217, 59.5831, 143.0071



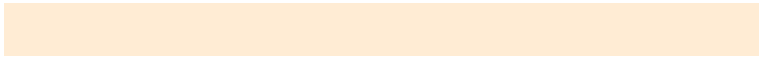
69.5331, 59.5831, 129.1614

# Sweetspot

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



62.5260, 59.5860, 22.1164



83.1487, 86.1342, 74.2993



53.8612, 34.7212, 42.4584



17.5255, 18.1102, 15.1423



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.



62.5260, 59.5860, 22.1164



58.4462, 53.5572, 14.1861



76.1163, 92.0176, 27.6600



18.8651, 19.6984, 18.9522



26.9701, 21.9514, 2.8156

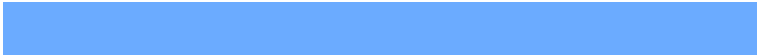


2.7346, 2.3546, 0.3104



# Inverse Universe

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



38.6756, 39.4699, 100.1872



32.5735, 31.7834, 99.0257



30.6264, 21.5087, 97.1446



17.6490, 18.6696, 22.9233



12.5015, 9.9125, 50.6890



1.3233, 1.1773, 4.9708



# Previews

## White Background



This preview shows how the XYZ color 62.5246, 59.5831, 22.1152 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 62.5246, 59.5831, 22.1152 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

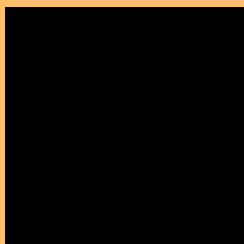
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 62.5246, 59.5831, 22.1152

## Background



This preview shows how black text looks on a background with the XYZ color 62.5246, 59.5831, 22.1152.



This preview shows how white text looks on a background with the XYZ color 62.5246, 59.5831,



# 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

62.5246, 59.5831, 22.1152

### Protanopia

54.6566, 59.5475, 23.6520

### Deuteranopia

60.9602, 59.7639, 21.9583



## Tritanopia

68.3443, 59.5265, 60.1122

# Trichromacy



## Original Color

62.5246, 59.5831, 22.1152

## Protanomaly

57.4988, 59.6348, 23.2320

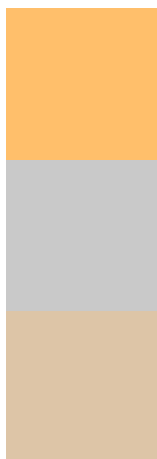
## Deuteranomaly

61.4551, 59.6898, 21.9179

## Tritanomaly

65.7112, 59.4810, 43.1396

# Monochromacy



## Original Color

62.5246, 59.5831, 22.1152

## Achromatopsia

55.5167, 58.4078, 63.6061

## Achromatomaly

56.7601, 58.0947, 44.7810

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.5246, 59.5831, 22.1152 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, 191, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 107)  
}
```

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, 191, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 107) }
```

## Border

The CSS property to change the border of an element to XYZ 62.5246, 59.5831, 22.1152 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, 191, 107) }
```



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

```
.border{ border-color:rgb(255, 191, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
107) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.5246, 59.5831, 22.1152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 107) }
```

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

```
.background{ background-color: rgb(255,  
191, 107) }
```

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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