

Converting Colors

XYZ(64.1938, 62.2193, 31.9187)

Have a look what the booklet for
XYZ(64.1938, 62.2193, 31.9187)
contains.

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Color

**XYZ(64.1938, 62.2193,
31.9187)**

Conversions

Conversions Part 1

Format	Color
Hex	FBC588
RGB	251, 197, 136
RGB Percent	98%, 77%, 53%
CMY	0.0157, 0.2274, 0.4667
CMYK	0.00, 0.22, 0.46, 0.02
HSL	32°, 93%, 76%
HSV	32°, 46%, 98%
XYZ	64.1938, 62.2193, 31.9187
YIQ	206.1920, 51.7650, -7.5230

Conversions

Conversions Part 2

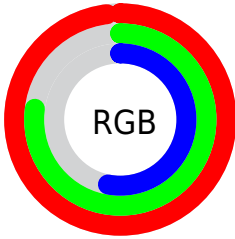
Format	Color
R_{YB}	238, 251, 136
Decimal	16500104
CIE Lab	83.03, 11.83, 37.88
CIE LCh	83, 39.687, 72.652
Yxy	62.2193, 0.4054, 0.3930
Android (android.graphics.Color)	4294690184 (0xFFFB588)
YUV	206.1920, -34.6047, 39.2966
Hunter-Lab	78.8792, 7.2290, 31.2236

Details

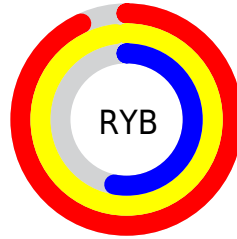
The XYZ color **64.1938, 62.2193, 31.9187** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.9786, 49.0242, 98.3057**, and the grayscale version is **58.9821, 62.0537, 67.5765**.

A 20% lighter version of the original color is **85.9761, 95.8613, 62.6869**, and **33.2004, 31.5073, 12.9260** is the 20% darker color. If you saturate the color by 10%, you get **60.0428, 56.4455, 22.7411**, and if you desaturate by 10%, it is **68.9748, 68.5846, 43.3682**.

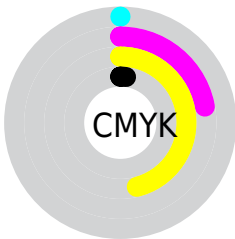
Distribution



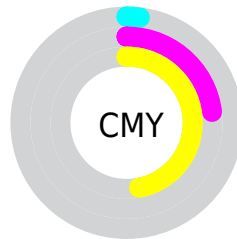
- Red (98%)
- Green (77%)
- Blue (53%)



- Red (93%)
- Yellow (98%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)
- Black (2%)



- Cyan (2%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1938, 62.2193, 31.9187 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 64.1938, 62.2193, 31.9187 by changing the saturation by 10% instead.

64.1938, 62.2193,
31.9187

64.1938, 62.2193,
31.9187

429.4803,
432.7306, 325.2300

47.0699, 45.2099,
21.0351

109.9622,
108.0424, 63.7800

33.2991, 31.6228,
12.9582

139.3374,
137.6249, 85.5949

22.5160, 21.0736,
7.2694

173.5271,
172.1673, 111.8905

14.3553, 13.1778,
3.5501

212.8966,
212.0539, 143.0855

8.4515, 7.5511,
1.3819

257.8113,
257.6692, 179.5985

4.4394, 3.8091,
0.1276

308.6366,

1.9536, 1.5673,

309.3974, 221.8478

0.0000

365.7378,
367.6231, 270.2522

■ 0.6077, 0.3354,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 64.1938, 62.2193,
31.9187

■ 64.1938, 62.2193,
31.9187

■ 60.0428, 56.4455,
22.7411

■ 68.9748, 68.5846,
43.3682

■ 56.4828, 51.2329,
15.6743

■ 74.4126, 75.5523,
57.2281

■ 53.4770, 46.5612,
10.5416

■ 80.5376, 83.1441,
73.6303

■ 50.9811, 42.4045,
7.1353

■ 87.3768, 91.3778,
92.6957

■ 48.9414, 38.7329,
5.1984

■ 93.5935, 99.2492,
108.8318

■ 48.1918, 37.3258,
4.6646

Harmonies

Analogous

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



72.1182, 62.2193, 40.5148



64.1938, 62.2193, 31.9187



55.5978, 62.2193, 31.3158

Triad

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



64.1938, 62.2193, 31.9187



44.4588, 62.2193, 78.6287



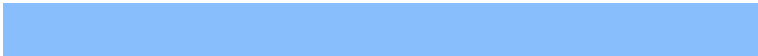
71.0326, 62.2193, 108.7701

Complementary

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



64.1938, 62.2193, 31.9187



45.9786, 49.0242, 98.3057

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.



62.8245, 62.2193, 125.0848



64.1938, 62.2193, 31.9187



47.8162, 62.2193, 105.0594

Square

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



64.1938, 62.2193, 31.9187



44.7487, 62.2193, 54.6135



54.3541, 62.2193, 123.5828



76.3211, 62.2193, 82.8316

Rectangle

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



64.1938, 62.2193, 31.9187



50.6769, 62.2193, 35.2473



54.3541, 62.2193, 123.5828



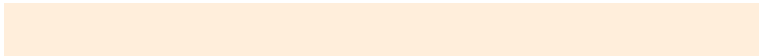
68.4911, 62.2193, 115.8140

Sweetspot

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



64.1953, 62.2223, 31.9199



84.7097, 87.6782, 79.6840



58.0564, 41.9054, 54.6566



17.8185, 18.3855, 16.1976



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.



64.1953, 62.2223, 31.9199



62.5502, 58.9521, 24.2265



78.0376, 90.9267, 36.7309



18.0069, 18.7497, 18.1324



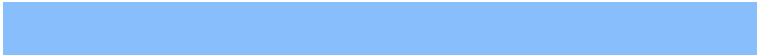
25.4789, 19.9145, 2.5010



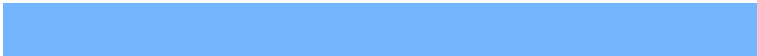
2.4659, 2.0567, 0.2670

Inverse Universe

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



45.9786, 49.0242, 98.3057



41.5299, 43.7330, 100.8602



36.6847, 29.9702, 95.1178



16.9550, 17.9868, 21.9635



12.6917, 10.7390, 49.3775



1.2806, 1.2048, 4.6082

Previews

White Background



This preview shows how the XYZ color 64.1938, 62.2193, 31.9187 looks on a white background.

Color Contrast Check

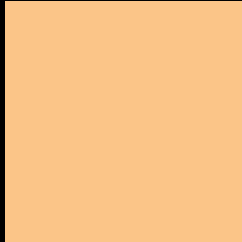
Large Text (above 18pt) WCAG AA × Fail

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 64.1938, 62.2193, 31.9187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

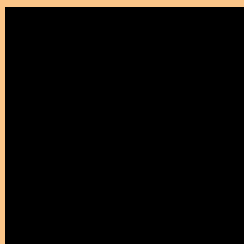
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1938, 62.2193, 31.9187

Background



This preview shows how black text looks on a background with the XYZ color 64.1938, 62.2193, 31.9187.



This preview shows how white text looks on a background with the XYZ color 64.1938, 62.2193,

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

64.1938, 62.2193, 31.9187

Protanopia

57.7869, 62.3664, 33.8032

Deuteranopia

63.7049, 62.3055, 31.9611



Tritanopia

70.2171, 61.9670, 64.7599

Trichromacy



Original Color

64.1938, 62.2193, 31.9187

Protanomaly

59.9478, 62.0684, 33.2469

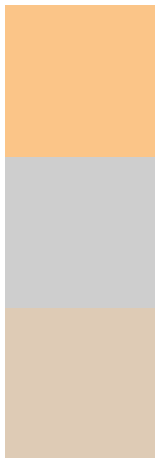
Deuteranomaly

64.0624, 62.4897, 31.9778

Tritanomaly

67.8594, 62.0248, 51.0432

Monochromacy



Original Color

64.1938, 62.2193, 31.9187

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.8206, 61.5777, 52.4489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1938, 62.2193, 31.9187 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(251, 197, 136)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 136)  
}
```

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(251, 197, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 136) }
```

Border

The CSS property to change the border of an element to XYZ 64.1938, 62.2193, 31.9187 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(251, 197, 136) }
```


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

```
.border{ border-color:rgb(251, 197, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 136);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1938, 62.2193, 31.9187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 136) }
```

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

```
.background{ background-color: rgb(251,  
197, 136) }
```

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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